

APPENDIX

Statistical Tables

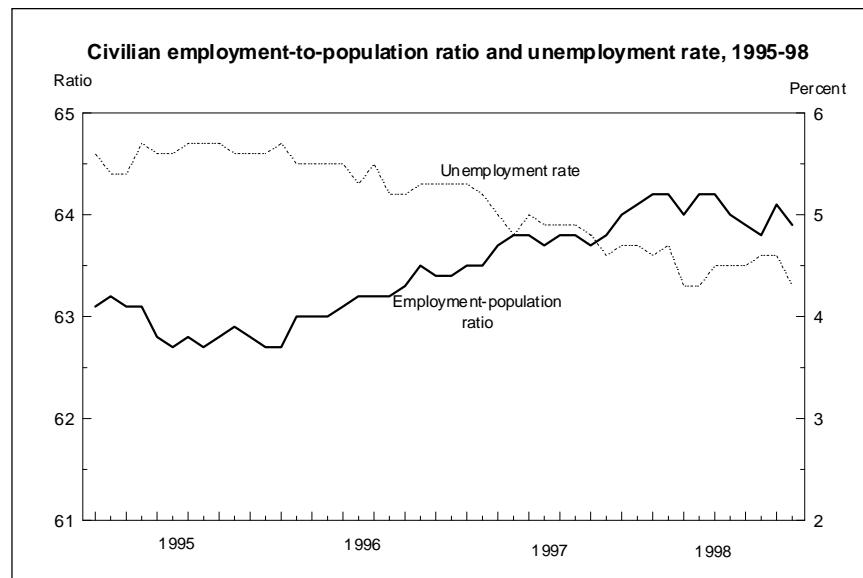
The tables in this appendix to the *Report on the American Workforce* are organized along thematic lines, rather than by the program office responsible for collecting them. This extends the ideas suggested in Background Paper No. 22, National Commission on Employment and Unemployment Statistics, "Improving the Presentation of Employment and Unemployment Statistics." Unless noted otherwise, data are from the Bureau of Labor Statistics, U.S. Department of Labor. Technical descriptions of their sources, methods, and limitations are found in *BLS Handbook of Methods*, Bulletin 2490 (1997).

Section

1. General conditions in the labor market	135
2. Employment and the labor force	138
3. Wages and productivity	154
4. Earnings, prices, and expenditures	174
5. Benefits and working conditions	194
6. Unemployment	205
7. International comparisons	210

Section 1. General conditions in the labor market

The labor market improves and declines in swings that are conditioned by, similar to, and part of the general business cycle. The tables in this section contain indicators of the current condition of the labor market; the State of labor market-related processes that are more highly sensitive to cyclical swings and, therefore, tend to reach turning points somewhat earlier; and the complete cycle of processes that take longer to unfold and thus reach their turning points somewhat later.

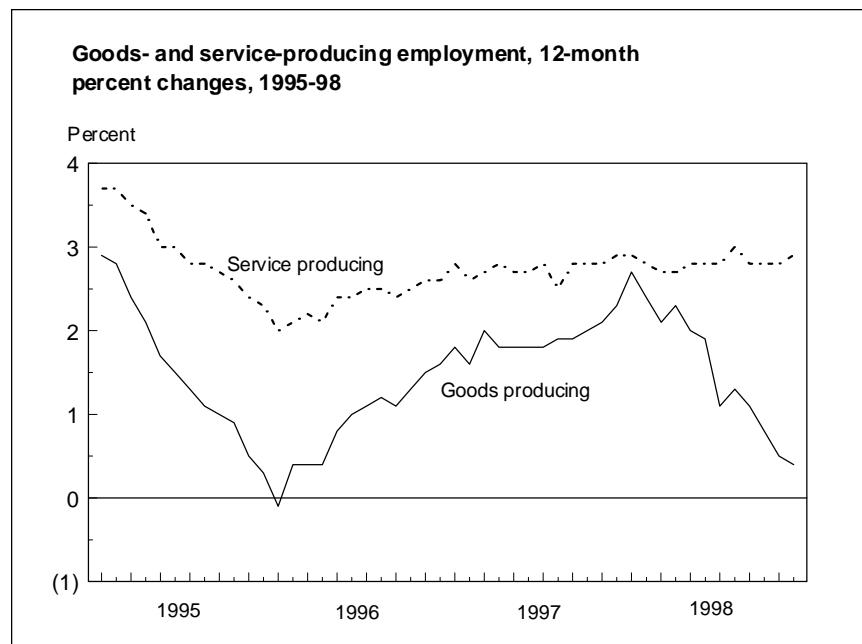


Table

1. Selected labor market indicators: Current conditions, annual averages, 1948-98
2. Selected labor market indicators: Cyclically sensitive conditions, annual averages, 1948-98
3. Selected labor market indicators: Processes requiring additional time to complete the cycle, annual averages, 1948-98

Section 2. Employment and the labor force

The number of working people, their characteristics, and the types of jobs they hold are shown in the tables in this section.

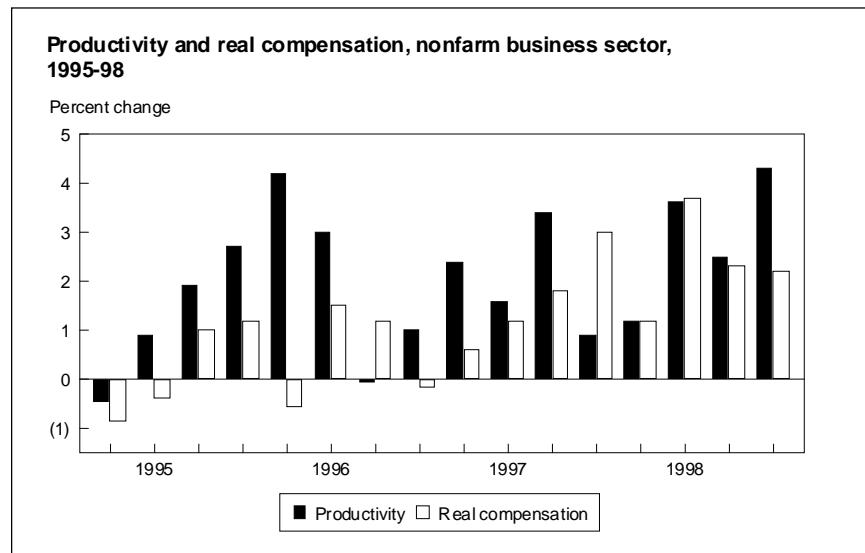


4. Civilian labor force for selected demographic groups, annual averages, 1948-98
5. Civilian labor force participation rates for selected demographic groups, annual averages, 1948-98
6. Labor force participation rates of women by presence and age of children, March 1980-98
7. Percent distribution of the labor force of women by presence and age of children, March 1980-98
8. Employment for selected demographic groups, annual averages 1948-98
9. Employment-population ratios for selected demographic groups, annual averages, 1948-98
10. Employed persons by major occupation, annual averages, 1985-98
11. Employed persons by usual full- or part-time status and sex, annual averages, 1970-98
12. Employees on nonfarm payrolls by major industry division, annual averages, 1947-98

13. Employees on nonfarm payrolls by industry, annual averages, 1990-98
14. Average weekly hours of production workers on private nonfarm payrolls by major industry division, annual averages, 1947-98
15. Indexes of aggregate weekly hours of production workers on private nonfarm payrolls by major industry division, annual averages, 1947-98
16. Percent distribution of all hours worked by women in the private business sector by years of completed schooling, 1948-97
17. Percent distribution of all hours worked by men in the private business sector by years of completed schooling, 1948-97

Section 3. Wages and productivity

How much workers are paid per unit of time (usually per hour), how productively that time is used, and how much each unit of production costs in terms of labor input is the focus of the following tables.

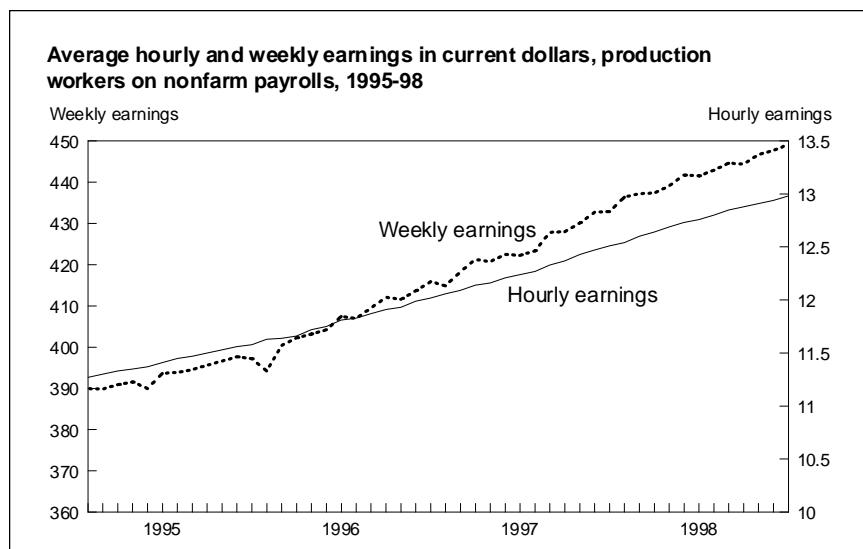


18. Employment Cost Index for wages and salaries, annual averages, 1976-98
19. Employer compensation costs per employee hours worked, all private industry, 1986-98
20. Mean hourly earnings for selected occupations, all workers, all industries, selected areas, 1998
21. Average weekly pay, executive, administrative, and professional specialty occupations, United States, June 1996
22. Average weekly pay, technical and administrative support occupations, United States, June 1996

23. Average hourly pay, service, maintenance, transportation, and material movement occupations, United States, June 1996
24. Average hourly earnings of production workers on private nonfarm payrolls by major industry division, annual averages, 1947-98
25. Productivity and related data, business and nonfarm business sectors, 1947-98
26. Changes in productivity and related data, business and nonfarm business sectors, 1948-98
27. Private business sector, productivity and related measures, 1948-97
28. Productivity and related data, nonfinancial corporate sector, 1958-98
29. Productivity and related data, manufacturing sector, 1949-98
30. Annual labor productivity measures for selected 3-digit SIC industries, 1991-97

Section 4. Earnings, prices, and expenditures

This section is concerned with standards of living: The weekly pay packet, the price of goods and services, and the patterns of consumer expenditures.

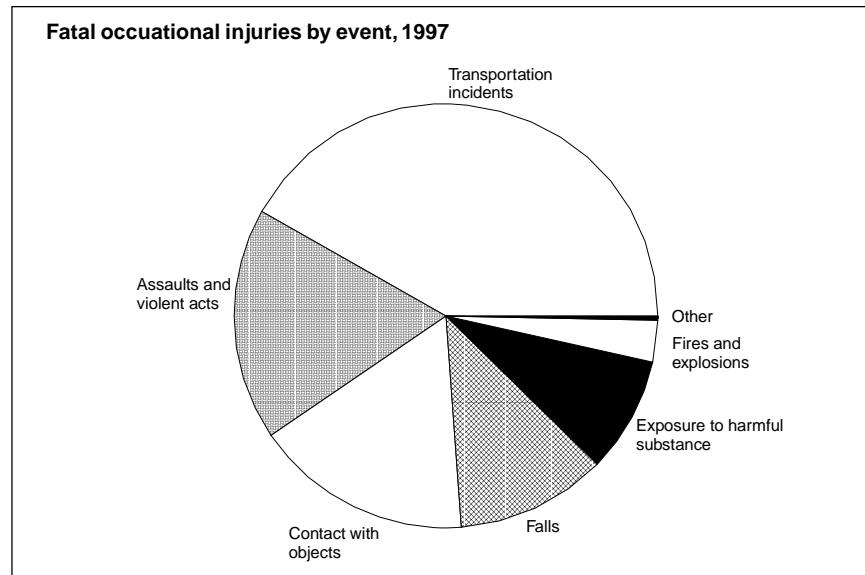


31. Average weekly earnings of production workers on private nonfarm payrolls by major industry division, annual averages, 1947-98
32. Median weekly earnings of full-time wage and salary workers by age, sex, race, and Hispanic origin, annual averages, 1981-98
33. Median weekly earnings of full-time wage and salary workers 25 years and older by sex and educational attainment, annual averages, selected years, 1990-98

34. Producer price indexes for major commodity groups, 1947-98
35. Producer price indexes by stage of processing, special groups, 1947-98
36. Consumer Price Index for All Urban Consumers (CPI-U), 1960-98
37. Average annual expenditures and percent distribution of all consumer units, selected periods, 1935-36 to 1996-97
38. Shares of average annual expenditures and characteristics of all consumer units classified by quintiles of income before taxes, Consumer Expenditure Survey, 1987 and 1997
39. Shares of average annual expenditures and characteristics of all consumer units classified by age of the reference person, Consumer Expenditure Survey, 1987 and 1997
40. Shares of average annual expenditures and characteristics of all consumer units classified by composition of the consumer unit, Consumer Expenditure Survey, 1987 and 1997
41. Shares of average annual expenditures and characteristics of all consumer units classified by region of residence, Consumer Expenditure Survey, 1987 and 1997
42. Shares of average annual expenditures of all consumer units classified by origin of the reference person, Consumer Expenditure Survey, 1987 and 1997
43. Number of earners in families by type of family, selected years, 1990-98

Section 5. Benefits and working conditions

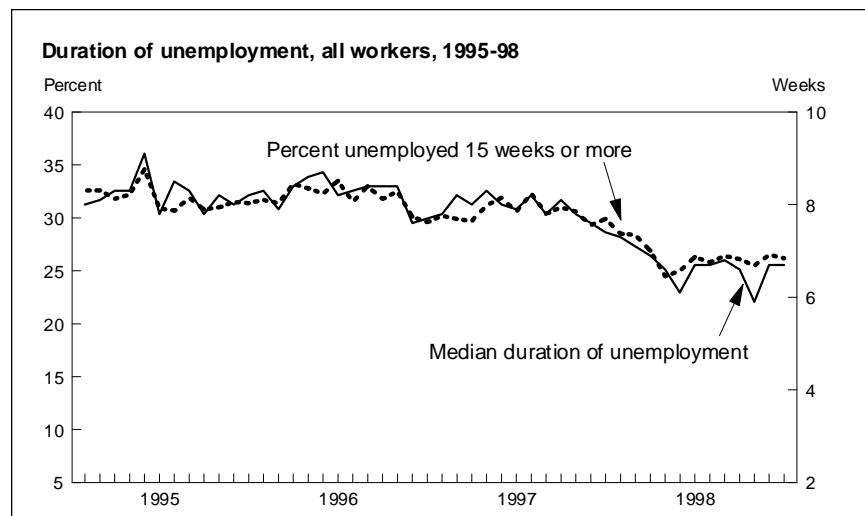
Information on what compensation beyond cash wages workers receive and how safe and healthy their workplaces are is shown in the following tables.



44. Employment Cost Index for benefit costs, annual averages 1980-98
45. Percent of full-time employees participating in employer-provided benefit plans and in selected features within plans, medium and large private establishments, selected years, 1984-97
46. Percent of full-time employees participating in employer-provided benefit plans and in selected features within plans, small private establishments and State and local governments, selected years 1987-96
47. Percent of employees participating in or eligible for selected benefits, by private and public sectors and full-time and part-time status, United States, 1994-95
48. Fatal occupational injuries by event or exposure, 1992-97
49. Number, percent distribution, employment, and rate of fatal occupational injuries by occupation, 1997
50. Number, percent distribution, employment and rate of fatal occupational injuries by industry, 1997
51. Number, percent distribution, employment, and rate of fatal occupational injuries by selected worker characteristics, 1997
52. Number of nonfatal occupational injury and illness cases involving days away from work by selected occupation and industry division, 1996
53. Percent distribution of nonfatal occupational injuries and illnesses involving days away from work by selected characteristics and number of days away from work, 1996
54. Incidence rates and number of cases of nonfatal occupational injuries and illnesses, private industry, 1973-97

Section 6. Unemployment

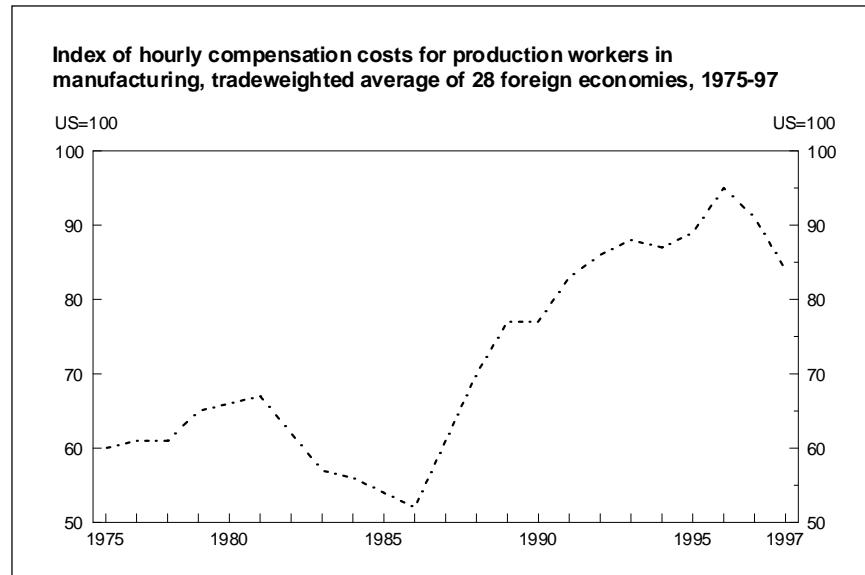
The number of people looking for work, their characteristics, and the duration of, and reason for unemployment are shown in the tables in this section.



- 55. Unemployment for selected demographic groups, annual averages, 1948-98
- 56. Unemployment rates for selected demographic groups, annual averages, 1948-98
- 57. Unemployed persons by duration and reason, annual averages, 1948-98
- 58. Unemployment rates of persons 25 to 64 years of age by educational attainment and sex, March 1970-98

Section 7. International comparisons

Key indicators of unemployment, inflation, and productivity across international boundaries are compared in this section.



- 59. Civilian unemployment rates, approximating U.S. concepts, 10 countries, 1959-98
- 60. Consumer price indexes, 16 countries, 1950-97
- 61. Output per hour, hourly compensation, and unit labor costs in manufacturing, 12 countries, 1950-97
- 62. Hourly compensation costs in U.S. dollars for production workers in manufacturing, 29 countries or areas, 1975-97

Table 1. Selected labor market indicators: Current conditions, annual averages, 1948-98

Year	Employment (thousands) ¹	Employment-population ratio ¹	Nonfarm payroll employment (thousands)	Aggregate hours index, private non-farm (1982=100)	Total hours of nonfarm wage and salary workers (millions)	Goods-producing employment (thousands)	Employment Cost Index, compensation, private nonfarm ² (June 1989=100)	Unemployment rate ¹	Insured unemployment as percent of covered employment ³
1948	58,343	56.6	44,866	—	92,470	18,774	—	3.8	3.0
1949	57,651	55.4	43,754	—	88,958	17,565	—	5.9	6.2
1950	58,918	56.1	45,197	—	92,514	18,506	—	5.3	4.5
1951	59,961	57.3	47,819	—	98,277	19,959	—	3.3	2.7
1952	60,250	57.3	48,793	—	99,972	20,198	—	3.0	2.8
1953	61,179	57.1	50,202	—	102,361	21,074	—	2.9	2.7
1954	60,109	55.5	48,990	—	98,885	19,751	—	5.5	5.2
1955	62,170	56.7	50,641	—	103,133	20,513	—	4.4	3.4
1956	63,799	57.5	52,369	—	106,031	21,104	—	4.1	3.1
1957	64,071	57.1	52,855	—	105,893	20,967	—	4.3	3.6
1958	63,036	55.4	51,322	—	101,997	19,513	—	6.8	6.5
1959	64,630	56.0	53,270	—	106,774	20,411	—	5.5	4.2
1960	65,778	56.1	54,189	—	108,050	20,434	—	5.5	4.7
1961	65,746	55.4	53,999	—	107,440	19,857	—	6.7	5.7
1962	66,702	55.5	55,549	—	110,966	20,451	—	5.5	4.3
1963	67,762	55.4	56,653	—	113,135	20,640	—	5.7	4.2
1964	69,305	55.7	58,283	75.8	116,153	21,005	—	5.2	3.7
1965	71,088	56.2	60,763	79.1	121,433	21,926	—	4.5	2.9
1966	72,895	56.9	63,901	82.5	127,289	23,158	—	3.8	2.2
1967	74,372	57.3	65,803	82.9	129,558	23,308	—	3.8	2.4
1968	75,920	57.5	67,897	84.9	132,921	23,737	—	3.6	2.2
1969	77,902	58.0	70,384	87.7	137,340	24,361	—	3.5	2.1
1970	78,678	57.4	70,880	86.3	136,445	23,578	—	4.9	3.4
1971	79,367	56.6	71,211	85.8	136,179	22,935	—	5.9	4.1
1972	82,153	57.0	73,675	89.2	141,269	23,668	—	5.6	3.0
1973	85,064	57.8	76,790	93.2	147,051	24,893	—	4.9	2.5
1974	86,794	57.8	78,265	93.2	148,423	24,794	—	5.6	3.4
1975	85,846	56.1	76,945	88.8	144,255	22,600	—	8.5	6.1
1976	88,752	56.8	79,382	92.3	149,040	23,352	—	7.7	4.4
1977	92,017	57.9	82,471	96.0	154,517	24,346	—	7.1	3.7
1978	96,048	59.3	86,697	100.7	162,169	25,585	—	6.1	2.8
1979	98,824	59.9	89,823	104.0	167,092	26,461	59.1	5.8	2.8
1980	99,303	59.2	90,406	102.8	166,885	25,658	64.8	7.1	3.9
1981	100,397	59.0	91,152	104.1	167,547	25,497	71.2	7.6	3.5
1982	99,526	57.8	89,544	100.0	163,573	23,812	75.8	9.7	4.7
1983	100,834	57.9	90,152	101.5	165,612	23,330	80.1	9.6	3.9
1984	105,005	59.5	94,408	107.7	174,500	24,718	84.0	7.5	2.7
1985	107,150	60.1	97,387	110.5	179,096	24,842	87.3	7.2	2.8
1986	109,597	60.7	99,344	112.3	182,067	24,533	90.1	7.0	2.8
1987	112,440	61.5	101,958	115.6	186,664	24,674	93.1	6.2	2.3
1988	114,968	62.3	105,209	119.3	193,304	25,125	97.6	5.5	2.0
1989	117,342	63.0	107,884	122.1	197,110	25,254	102.3	5.3	2.1
1990	118,793	62.8	109,403	123.0	199,214	24,905	107.0	5.6	2.4
1991	117,718	61.7	108,249	120.4	196,437	23,745	111.7	6.8	3.2
1992	118,492	61.5	108,601	121.2	197,614	23,231	115.6	7.5	3.1
1993	120,259	61.7	110,713	124.6	202,304	23,352	119.8	6.9	2.6
1994	123,060	62.5	114,163	130.0	208,843	23,908	123.5	6.1	2.4
1995	124,900	62.9	117,191	133.5	213,704	24,265	126.7	5.6	2.3
1996	126,708	63.2	119,608	136.7	218,156	24,493	130.6	5.4	—
1997	129,558	63.8	122,690	141.5	224,886	24,962	135.1	4.9	1.9
1998	131,463	64.1	125,826	145.1	230,796	25,347	139.8	4.5	1.8

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

² December.

³ Data from Employment and Training Administration, U.S. Department of Labor.

Dash indicates data not available.

Table 2. Selected labor market indicators: Cyclically sensitive conditions, annual averages, 1948-98

Year	Producer Price Index for crude non-food materials, less energy (1982=100)	Manufacturing		Unemployed ¹		Nonagricultural workers on part-time schedules for economic reasons, slack work, ¹ or business conditions (in thousands)
		Average workweek	Average overtime hours	Less than 5 weeks (in thousands)	Job losers on temporary layoff as percent of civilian labor force	
1948	—	40.0	—	1,300	—	—
1949	—	39.1	—	1,756	—	—
1950	—	40.5	—	1,450	—	—
1951	—	40.6	—	1,177	—	—
1952	—	40.7	—	1,135	—	—
1953	—	40.5	—	1,142	—	—
1954	—	39.6	—	1,605	—	—
1955	—	40.7	—	1,335	—	905
1956	—	40.4	2.8	1,412	—	1,013
1957	—	39.8	2.3	1,408	—	1,180
1958	—	39.2	2.0	1,753	—	1,695
1959	—	40.3	2.7	1,585	—	1,078
1960	—	39.7	2.5	1,719	—	1,300
1961	—	39.8	2.4	1,806	—	1,429
1962	—	40.4	2.8	1,663	—	1,077
1963	—	40.5	2.8	1,751	—	1,060
1964	—	40.7	3.1	1,697	—	972
1965	—	41.2	3.6	1,628	—	868
1966	—	41.4	3.9	1,573	—	727
1967	—	40.6	3.4	1,634	0.5	979
1968	—	40.7	3.6	1,594	.4	794
1969	—	40.6	3.6	1,629	.4	838
1970	—	39.8	3.0	2,139	.8	1,126
1971	—	39.9	2.9	2,245	.9	1,245
1972	—	40.5	3.5	2,242	.7	1,079
1973	70.8	40.7	3.8	2,224	.5	1,067
1974	83.3	40.0	3.3	2,604	.8	1,339
1975	69.3	39.5	2.6	2,940	1.8	1,925
1976	80.2	40.1	3.1	2,844	1.1	1,550
1977	79.8	40.3	3.5	2,919	.9	1,472
1978	87.8	40.4	3.6	2,865	.7	1,391
1979	106.2	40.2	3.3	2,950	.8	1,518
1980	113.1	39.7	2.8	3,295	1.4	2,093
1981	111.7	39.8	2.8	3,449	1.3	2,251
1982	100.0	38.9	2.3	3,883	1.9	3,050
1983	105.3	40.1	3.0	3,570	1.6	2,684
1984	111.7	40.7	3.4	3,350	1.0	2,291
1985	104.9	40.5	3.3	3,498	1.0	2,273
1986	103.1	40.7	3.4	3,448	.9	2,305
1987	115.7	41.0	3.7	3,246	.8	2,201
1988	133.0	41.1	3.9	3,084	.7	2,199
1989	137.9	41.0	3.8	3,174	.7	2,143
1990	136.3	40.8	3.6	3,265	.8	2,409
1991	128.2	40.7	3.6	3,480	1.0	3,059
1992	128.4	41.0	3.8	3,376	1.0	3,094
1993	140.2	41.4	4.1	3,262	.9	3,033
1994	156.2	42.0	4.7	2,728	.7	2,311
1995	173.6	41.6	4.4	2,700	.8	2,346
1996	155.8	41.6	4.5	2,633	.8	2,263
1997	156.5	42.0	4.8	2,538	.7	2,167
1998	142.1	41.7	4.6	2,622	.6	1,997

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

Dash indicates data not available.

Table 3. Selected labor market indicators: Processes requiring additional time to complete the cycle, annual averages, 1948-98

Year	Consumer Price Index (CPI-U) for services (1982-84=100)	Unit labor costs business sector (1992=100)	Duration of unemployment ¹	
			Mean	Median
1948	15.6	21.0	8.6	-
1949	16.4	20.8	10.0	-
1950	16.9	20.6	12.1	-
1951	17.8	21.9	9.7	-
1952	18.6	22.6	8.4	-
1953	19.4	23.2	8.0	-
1954	20.0	23.5	11.8	-
1955	20.4	23.1	13.0	-
1956	20.9	24.6	11.3	-
1957	21.8	25.5	10.5	-
1958	22.6	25.9	13.9	-
1959	23.3	25.9	14.4	-
1960	24.1	26.6	12.8	-
1961	24.5	26.7	15.6	-
1962	25.0	26.6	14.7	-
1963	25.5	26.6	14.0	-
1964	26.0	26.7	13.3	-
1965	26.6	26.8	11.8	-
1966	27.6	27.5	10.4	-
1967	28.8	28.4	8.7	2.3
1968	30.3	29.7	8.4	4.5
1969	32.4	31.7	7.8	4.4
1970	35.0	33.5	8.6	4.9
1971	37.0	34.2	11.3	6.3
1972	38.4	35.1	12.0	6.2
1973	40.1	37.0	10.0	5.2
1974	43.8	41.3	9.8	5.2
1975	48.0	44.0	14.2	8.4
1976	52.0	46.2	15.8	8.2
1977	56.0	49.0	14.3	7.0
1978	60.8	52.8	11.9	5.9
1979	67.5	58.2	10.8	5.4
1980	77.9	64.7	11.9	6.5
1981	88.1	69.6	13.7	6.9
1982	96.0	75.1	15.6	8.7
1983	99.4	75.8	20.0	10.1
1984	104.6	77.2	18.2	7.9
1985	109.9	79.7	15.6	6.8
1986	115.4	81.7	15.0	6.9
1987	120.2	84.9	14.5	6.5
1988	125.7	88.3	13.5	5.9
1989	131.9	90.0	11.9	4.8
1990	139.2	94.4	12.0	5.3
1991	146.3	98.3	13.7	6.8
1992	152.0	100.0	17.7	8.7
1993	157.9	102.4	18.0	8.3
1994	163.1	103.7	18.8	9.2
1995	168.7	105.8	16.6	8.3
1996	174.1	106.8	16.7	8.3
1997	179.4	109.0	15.8	8.0
1998	184.2	111.1	14.5	6.7

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

Dash indicates data not available.

Table 4. Civilian labor force for selected demographic groups, annual averages, 1948–98

(In thousands)

Year	Total, 16 years and over	Men, 20 years and over	Women, 20 years and over	Both sexes, 16 to 19 years	White	Black and other	Black	Hispanic origin
1948	60,621	40,687	15,500	4,435	—	—	—	—
1949	61,286	41,022	15,978	4,288	—	—	—	—
1950	62,208	41,316	16,678	4,216	—	—	—	—
1951	62,017	40,655	17,259	4,103	—	—	—	—
1952	62,138	40,558	17,517	4,064	—	—	—	—
1953 ¹	63,015	41,315	17,674	4,027	—	—	—	—
1954	63,643	41,669	17,997	3,976	56,816	6,825	—	—
1955	65,023	42,106	18,825	4,092	58,085	6,942	—	—
1956	66,552	42,658	19,599	4,296	59,428	7,125	—	—
1957	66,929	42,780	19,873	4,275	59,754	7,174	—	—
1958	67,639	43,092	20,285	4,260	60,293	7,346	—	—
1959	68,369	43,289	20,587	4,492	60,952	7,416	—	—
1960 ¹	69,628	43,603	21,185	4,841	61,915	7,716	—	—
1961	70,459	43,860	21,664	4,936	62,656	7,804	—	—
1962 ¹	70,614	43,831	21,868	4,916	62,750	7,864	—	—
1963	71,833	44,222	22,473	5,139	63,830	8,003	—	—
1964	73,091	44,604	23,098	5,388	64,921	8,170	—	—
1965	74,455	44,857	23,686	5,910	66,137	8,321	—	—
1966	75,770	44,788	24,431	6,558	67,276	8,499	—	—
1967	77,347	45,354	25,475	6,521	68,699	8,649	—	—
1968	78,737	45,852	26,266	6,619	69,976	8,759	—	—
1969	80,734	46,351	27,413	6,970	71,778	8,955	—	—
1970	82,771	47,220	28,301	7,249	73,556	9,218	—	—
1971	84,382	48,009	28,904	7,470	74,963	9,418	—	—
1972 ¹	87,034	49,079	29,901	8,054	77,275	9,761	8,707	—
1973 ¹	89,429	49,932	30,991	8,507	79,151	10,280	8,976	—
1974	91,949	50,879	32,201	8,871	81,281	10,668	9,167	—
1975	93,775	51,494	33,410	8,870	82,831	10,942	9,263	—
1976	96,158	52,288	34,814	9,056	84,767	11,391	9,561	—
1977	99,009	53,348	36,310	9,351	87,141	11,867	9,932	—
1978 ¹	102,251	54,471	38,128	9,652	89,634	12,617	10,432	—
1979	104,962	55,615	39,708	9,638	91,923	13,038	10,678	—
1980	106,940	56,455	41,106	9,378	93,600	13,340	10,865	6,146
1981	108,670	57,197	42,485	8,988	95,052	13,618	11,086	6,492
1982	110,204	57,980	43,699	8,526	96,143	14,061	11,331	6,734
1983	111,550	58,744	44,636	8,171	97,021	14,529	11,647	7,033
1984	113,544	59,701	45,900	7,943	98,492	15,052	12,033	7,451
1985	115,461	60,277	47,283	7,901	99,926	15,535	12,364	7,698
1986 ¹	117,834	61,320	48,589	7,926	101,801	16,034	12,654	8,076
1987	119,865	62,095	49,783	7,988	103,290	16,576	12,993	8,541
1988	121,669	62,768	50,870	8,031	104,756	16,913	13,205	8,982
1989	123,869	63,704	52,212	7,954	106,355	17,514	13,497	9,323
1990 ¹	125,840	64,916	53,131	7,792	107,447	18,393	13,740	10,720
1991	126,346	65,374	53,708	7,265	107,743	18,604	13,797	10,920
1992	128,105	66,213	54,796	7,096	108,837	19,268	14,162	11,338
1993	129,200	66,642	55,388	7,170	109,700	19,500	14,225	11,610
1994 ¹	131,056	66,921	56,655	7,481	111,082	19,974	14,502	11,975
1995	132,304	67,324	57,215	7,765	111,950	20,354	14,817	12,267
1996	133,943	68,044	58,094	7,806	113,108	20,835	15,134	12,774
1997 ¹	136,297	69,166	59,198	7,932	114,693	21,604	15,529	13,796
1998 ¹	137,673	69,715	59,702	8,256	115,415	22,259	15,982	14,317

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

NOTE: Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups. Dash indicates data are not available.

Table 5. Civilian labor force participation rates for selected demographic groups, annual averages, 1948–98

(Percent)

Year	Total, 16 years and over	Men, 20 years and over	Women, 20 years and over	Both sexes, 16 to 19 years	White	Black and other	Black	Hispanic origin
1948	58.8	88.6	31.8	52.5	—	—	—	—
1949	58.9	88.5	32.3	52.2	—	—	—	—
1950	59.2	88.4	33.3	51.8	—	—	—	—
1951	59.2	88.2	34.0	52.2	—	—	—	—
1952	59.0	88.3	34.1	51.3	—	—	—	—
1953 ¹	58.9	88.0	33.9	50.2				
1954	58.8	87.8	34.2	48.3	58.2	64.0	—	—
1955	59.3	87.6	35.4	48.9	58.7	64.2	—	—
1956	60.0	87.6	36.4	50.9	59.4	64.9	—	—
1957	59.6	86.9	36.5	49.6	59.1	64.4	—	—
1958	59.5	86.6	36.9	47.4	58.9	64.8	—	—
1959	59.3	86.3	37.1	46.7	58.7	64.3	—	—
1960 ¹	59.4	86.0	37.6	47.5	58.8	64.5	—	—
1961	59.3	85.7	38.0	46.9	58.8	64.1	—	—
1962 ¹	58.8	84.8	37.8	46.1	58.3	63.2	—	—
1963	58.7	84.4	38.3	45.2	58.2	63.0	—	—
1964	58.7	84.2	38.9	44.5	58.2	63.1	—	—
1965	58.9	83.9	39.4	45.7	58.4	62.9	—	—
1966	59.2	83.6	40.1	48.2	58.7	63.0	—	—
1967	59.6	83.4	41.1	48.4	59.2	62.8	—	—
1968	59.6	83.1	41.6	48.3	59.3	62.2	—	—
1969	60.1	82.8	42.7	49.4	59.9	62.1	—	—
1970	60.4	82.6	43.3	49.9	60.2	61.8	—	—
1971	60.2	82.1	43.3	49.7	60.1	60.9	—	—
1972 ¹	60.4	81.6	43.7	51.9	60.4	60.2	59.9	—
1973 ¹	60.8	81.3	44.4	53.7	60.8	60.5	60.2	—
1974	61.3	81.0	45.3	54.8	61.4	60.3	59.8	—
1975	61.2	80.3	46.0	54.0	61.5	59.6	58.8	—
1976	61.6	79.8	47.0	54.5	61.8	59.8	59.0	—
1977	62.3	79.7	48.1	56.0	62.5	60.4	59.8	—
1978 ¹	63.2	79.8	49.6	57.8	63.3	62.2	61.5	—
1979	63.7	79.8	50.6	57.9	63.9	62.2	61.4	—
1980	63.8	79.4	51.3	56.7	64.1	61.7	61.0	64.0
1981	63.9	79.0	52.1	55.4	64.3	61.3	60.8	64.1
1982	64.0	78.7	52.7	54.1	64.3	61.6	61.0	63.6
1983	64.0	78.5	53.1	53.5	64.3	62.1	61.5	63.8
1984	64.4	78.3	53.7	53.9	64.6	62.6	62.2	64.9
1985	64.8	78.1	54.7	54.5	65.0	63.3	62.9	64.6
1986 ¹	65.3	78.1	55.5	54.7	65.5	63.7	63.3	65.4
1987	65.6	78.0	56.2	54.7	65.8	64.3	63.8	66.4
1988	65.9	77.9	56.8	55.3	66.2	64.0	63.8	67.4
1989	66.5	78.1	57.7	55.9	66.7	64.7	64.2	67.6
1990 ¹	66.5	78.2	58.0	53.7	66.9	64.4	64.0	67.4
1991	66.2	77.7	57.9	51.6	66.6	63.8	63.3	66.5
1992	66.4	77.7	58.5	51.3	66.8	64.6	63.9	66.8
1993	66.3	77.3	58.5	51.5	66.8	63.8	63.2	66.2
1994 ¹	66.6	76.8	59.3	52.7	67.1	63.9	63.4	66.1
1995	66.6	76.7	59.4	53.5	67.1	64.3	63.7	65.8
1996	66.8	76.8	59.9	52.3	67.2	64.6	64.1	66.5
1997 ¹	67.1	77.0	60.5	51.6	67.5	65.2	64.7	67.9
1998 ¹	67.1	76.8	60.4	52.8	67.3	66.0	65.6	67.9

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

Dash indicates data not available.

Table 6. Labor force participation rates of women by presence and age of children, March 1980-98
(Percent)

Year	Total women	With no children under 18	With children under 18				
			Total	6 to 17 years	With children under 6		
					Total	3 to 5 years	Under 3 years
1980	51.1	48.1	56.6	64.3	46.8	54.5	41.9
1981	52.0	48.7	58.1	65.5	48.9	56.1	44.3
1982	52.1	48.6	58.5	65.8	49.9	56.5	45.6
1983	52.3	48.7	58.9	66.3	50.5	57.7	46.0
1984	53.1	49.3	60.5	68.1	52.1	58.8	47.6
1985	54.1	50.4	62.1	69.9	53.5	59.5	49.5
1986	54.7	50.5	62.8	70.4	54.4	59.9	50.8
1987	55.4	50.5	64.7	72.0	56.7	62.4	52.9
1988	56.0	51.2	65.1	73.3	56.1	61.5	52.4
1989	56.7	51.9	65.7	74.2	56.7	63.1	52.4
1990	57.2	52.3	66.7	74.7	58.2	65.3	53.6
1991	57.0	52.0	66.6	74.4	58.4	64.4	54.5
1992	57.4	52.3	67.2	75.9	58.0	63.3	54.5
1993	57.2	52.1	66.9	75.4	57.9	63.7	53.9
1994 ¹	58.4	53.1	68.4	76.0	60.3	64.9	57.1
1995	58.7	52.9	69.7	76.4	62.3	67.1	58.7
1996	58.8	53.0	70.2	77.2	62.3	66.9	59.0
1997 ¹	59.8	53.6	72.1	78.1	65.0	69.3	61.8
1998 ¹	60.2	54.1	72.3	78.4	65.2	69.3	62.2

¹The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

NOTE: Data refer to single, married, spouse present, and widowed, divorced, and separated women.

Table 7. Percent distribution of the labor force of women by presence and age of children, March 1980-98
(Percent)

Year	Total women	With no children under 18	With children under 18				
			Total	6 to 17 years	With children under 6		
					Total	3 to 5 years	Under 3 years
1980	100.0	60.4	39.6	25.0	14.6	6.6	7.9
1981	100.0	60.3	39.7	24.8	14.9	6.7	8.2
1982	100.0	60.2	39.8	24.2	15.6	6.9	8.8
1983	100.0	60.4	39.6	23.7	15.9	7.0	8.9
1984	100.0	60.3	39.7	23.4	16.3	7.3	8.9
1985	100.0	60.6	39.4	23.2	16.1	7.1	9.0
1986	100.0	60.1	39.9	23.3	16.5	7.3	9.3
1987	100.0	59.6	40.4	23.5	17.0	7.4	9.6
1988	100.0	60.1	39.9	23.5	16.4	7.2	9.2
1989	100.0	60.3	39.7	23.2	16.6	7.4	9.2
1990	100.0	60.5	39.5	22.8	16.7	7.4	9.3
1991	100.0	60.4	39.6	22.5	17.1	7.5	9.6
1992	100.0	60.2	39.8	23.0	16.7	7.4	9.3
1993	100.0	59.9	40.1	23.4	16.7	7.4	9.3
1994 ¹	100.0	59.4	40.6	23.2	17.3	7.7	9.6
1995	100.0	59.2	40.8	23.6	17.2	7.8	9.3
1996	100.0	59.6	40.4	23.6	16.8	7.6	9.2
1997 ¹	100.0	59.3	40.7	23.8	16.9	7.6	9.3
1998 ¹	100.0	59.9	40.1	23.5	16.6	7.4	9.2

¹The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

NOTE: Data refer to single, married, spouse present, and widowed, divorced, and separated women.

Table 8. Employment for selected demographic groups, annual averages, 1948-98

(In thousands)

Year	Total, 16 years and over	Men, 20 years and over	Women, 20 years and over	Both sexes, 16 to 19 years	White	Black and other	Black	Hispanic origin
1948	58,343	39,382	14,936	4,026	-	-	-	-
1949	57,651	38,803	15,137	3,712	-	-	-	-
1950	58,918	39,394	15,824	3,703	-	-	-	-
1951	59,961	39,626	16,570	3,767	-	-	-	-
1952	60,250	39,578	16,958	3,719	-	-	-	-
1953 ¹	61,179	40,296	17,164	3,720	-	-	-	-
1954	60,109	39,634	17,000	3,475	53,957	6,152	-	-
1955	62,170	40,526	18,002	3,642	55,833	6,341	-	-
1956	63,799	41,216	18,767	3,818	57,269	6,534	-	-
1957	64,071	41,239	19,052	3,778	57,465	6,604	-	-
1958	63,036	40,411	19,043	3,582	56,613	6,423	-	-
1959	64,630	41,267	19,524	3,838	58,006	6,623	-	-
1960 ¹	65,778	41,543	20,105	4,129	58,850	6,928	-	-
1961	65,746	41,342	20,296	4,108	58,913	6,833	-	-
1962 ¹	66,702	41,815	20,693	4,195	59,698	7,003	-	-
1963	67,762	42,251	21,257	4,255	60,622	7,140	-	-
1964	69,305	42,886	21,903	4,516	61,922	7,383	-	-
1965	71,088	43,422	22,630	5,036	63,446	7,643	-	-
1966	72,895	43,668	23,510	5,721	65,021	7,877	-	-
1967	74,372	44,294	24,397	5,682	66,361	8,011	-	-
1968	75,920	44,859	25,281	5,781	67,750	8,169	-	-
1969	77,902	45,388	26,397	6,117	69,518	8,384	-	-
1970	78,678	45,581	26,952	6,144	70,217	8,464	-	-
1971	79,367	45,912	27,246	6,208	70,878	8,488	-	-
1972 ¹	82,153	47,130	28,276	6,746	73,370	8,783	7,802	-
1973 ¹	85,064	48,310	29,484	7,271	75,708	9,356	8,128	-
1974	86,794	48,922	30,424	7,448	77,184	9,610	8,203	-
1975	85,846	48,018	30,726	7,104	76,411	9,435	7,894	-
1976	88,752	49,190	32,226	7,336	78,853	9,899	8,227	-
1977	92,017	50,555	33,775	7,688	81,700	10,317	8,540	-
1978 ¹	96,048	52,143	35,836	8,070	84,936	11,112	9,102	-
1979	98,824	53,308	37,434	8,083	87,259	11,565	9,359	-
1980	99,303	53,101	38,492	7,710	87,715	11,588	9,313	5,527
1981	100,397	53,582	39,590	7,225	88,709	11,688	9,355	5,813
1982	99,526	52,891	40,086	6,549	87,903	11,624	9,189	5,805
1983	100,834	53,487	41,004	6,342	88,893	11,941	9,375	6,072
1984	105,005	55,769	42,793	6,444	92,120	12,885	10,119	6,651
1985	107,150	56,562	44,154	6,434	93,736	13,414	10,501	6,888
1986 ¹	109,597	57,569	45,556	6,472	95,660	13,937	10,814	7,219
1987	112,440	58,726	47,074	6,640	97,789	14,652	11,309	7,790
1988	114,968	59,781	48,383	6,805	99,812	15,156	11,658	8,250
1989	117,342	60,837	49,745	6,759	101,584	15,757	11,953	8,573
1990 ¹	118,793	61,678	50,535	6,581	102,261	16,533	12,175	9,845
1991	117,718	61,178	50,634	5,906	101,182	16,536	12,074	9,828
1992	118,492	61,496	51,328	5,669	101,669	16,823	12,151	10,027
1993	120,259	62,355	52,099	5,805	103,045	17,214	12,382	10,361
1994 ¹	123,060	63,294	53,606	6,161	105,190	17,870	12,835	10,788
1995	124,900	64,085	54,396	6,419	106,490	18,409	13,279	11,127
1996	126,708	64,897	55,311	6,500	107,808	18,900	13,542	11,642
1997 ¹	129,558	66,284	56,613	6,661	109,856	19,702	13,969	12,726
1998 ¹	131,463	67,135	57,278	7,051	110,931	20,532	14,556	13,291

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

NOTE: Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups. Dash indicates data are not available.

Table 9. Employment -population ratios for selected demographic groups, annual averages,
1948-98

(Percent)

Year	Total, 16 years and over	Men, 20 years and over	Women, 20 years and over	Both sexes, 16 to 19 years	White	Black and other	Black	Hispanic origin
1948	56.6	85.8	30.7	47.7	-	-	-	-
1949	55.4	83.7	30.6	45.2	-	-	-	-
1950	56.1	84.2	31.6	45.5	-	-	-	-
1951	57.3	86.1	32.6	47.9	-	-	-	-
1952	57.3	86.2	33.0	46.9	-	-	-	-
1953 ¹	57.1	85.9	32.9	46.4	-	-	-	-
1954	55.5	83.5	32.3	42.3	55.2	58.0	-	-
1955	56.7	84.3	33.8	43.5	56.5	58.7	-	-
1956	57.5	84.6	34.9	45.3	57.3	59.5	-	-
1957	57.1	83.8	35.0	43.9	56.8	59.3	-	-
1958	55.4	81.2	34.6	39.9	55.3	56.7	-	-
1959	56.0	82.3	35.1	39.9	55.9	57.5	-	-
1960 ¹	56.1	81.9	35.7	40.5	55.9	57.9	-	-
1961	55.4	80.8	35.6	39.1	55.3	56.2	-	-
1962 ¹	55.5	80.9	35.8	39.4	55.4	56.3	-	-
1963	55.4	80.6	36.3	37.4	55.3	56.2	-	-
1964	55.7	80.9	36.9	37.3	55.5	57.0	-	-
1965	56.2	81.2	37.6	38.9	56.0	57.8	-	-
1966	56.9	81.5	38.6	42.1	56.8	58.4	-	-
1967	57.3	81.5	39.3	42.2	57.2	58.2	-	-
1968	57.5	81.3	40.0	42.2	57.4	58.0	-	-
1969	58.0	81.1	41.1	43.4	58.0	58.1	-	-
1970	57.4	79.7	41.2	42.3	57.5	56.8	-	-
1971	56.6	78.5	40.9	41.3	56.8	54.9	-	-
1972 ¹	57.0	78.4	41.3	43.5	57.4	54.1	53.7	-
1973 ¹	57.8	78.6	42.2	45.9	58.2	55.0	54.5	-
1974	57.8	77.9	42.8	46.0	58.3	54.3	53.5	-
1975	56.1	74.8	42.3	43.3	56.7	51.4	50.1	-
1976	56.8	75.1	43.5	44.2	57.5	52.0	50.8	-
1977	57.9	75.6	44.8	46.1	58.6	52.5	51.4	-
1978 ¹	59.3	76.4	46.6	48.3	60.0	54.7	53.6	-
1979	59.9	76.5	47.7	48.5	60.6	55.2	53.8	-
1980	59.2	74.6	48.1	46.6	60.0	53.6	52.3	57.6
1981	59.0	74.0	48.6	44.6	60.0	52.6	51.3	57.4
1982	57.8	71.8	48.4	41.5	58.8	50.9	49.4	54.9
1983	57.9	71.4	48.8	41.5	58.9	51.0	49.5	55.1
1984	59.5	73.2	50.1	43.7	60.5	53.6	52.3	57.9
1985	60.1	73.3	51.0	44.4	61.0	54.7	53.4	57.8
1986 ¹	60.7	73.3	52.0	44.6	61.5	55.4	54.1	58.5
1987	61.5	73.8	53.1	45.5	62.3	56.8	55.6	60.5
1988	62.3	74.2	54.0	46.8	63.1	57.4	56.3	61.9
1989	63.0	74.5	54.9	47.5	63.8	58.2	56.9	62.2
1990 ¹	62.8	74.3	55.2	45.3	63.7	57.9	56.7	61.9
1991	61.7	72.7	54.6	42.0	62.6	56.7	55.4	59.8
1992	61.5	72.1	54.8	41.0	62.4	56.4	54.9	59.1
1993	61.7	72.3	55.0	41.7	62.7	56.3	55.0	59.1
1994 ¹	62.5	72.6	56.2	43.4	63.5	57.2	56.1	59.5
1995	62.9	73.0	56.5	44.2	63.8	58.1	57.1	59.7
1996	63.2	73.2	57.0	43.5	64.1	58.6	57.4	60.6
1997 ¹	63.8	73.7	57.8	43.4	64.6	59.4	58.2	62.6
1998 ¹	64.1	73.9	58.0	45.1	64.7	60.9	59.7	63.1

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

Dash indicates data not available.

Table 10. Employed persons by major occupation, annual averages, 1985-98
(In thousands)

Occupation	1985	1986 ¹	1987	1988	1989	1990 ¹	1991
Total	107,150	109,597	112,440	114,968	117,342	118,793	117,718
Managerial and professional specialty	25,851	26,554	27,742	29,190	30,398	30,602	30,934
Executive, administrative, and managerial	12,221	12,642	13,316	14,216	14,848	14,802	14,904
Professional specialty	13,630	13,911	14,426	14,974	15,550	15,800	16,030
Technical, sales, and administrative support	33,231	34,354	35,082	35,532	36,127	36,913	36,318
Technicians and related support	3,255	3,364	3,346	3,521	3,645	3,866	3,814
Sales	12,667	13,245	13,480	13,747	14,065	14,285	14,052
Administrative support, including clerical	17,309	17,745	18,256	18,264	18,416	18,762	18,452
Service occupations	14,441	14,680	15,054	15,332	15,556	16,012	16,254
Private household	1,006	981	934	909	872	792	799
Protective service	1,718	1,787	1,907	1,944	1,960	2,000	2,083
Service, except private household and protective	11,718	11,913	12,213	12,479	12,724	13,220	13,372
Precision production, craft, and repair	13,340	13,405	13,568	13,664	13,818	13,745	13,250
Mechanics and repairers	4,475	4,374	4,445	4,454	4,550	4,470	4,445
Construction trades	4,745	4,924	5,011	5,098	5,142	5,199	4,852
Other precision production, craft, and repair	4,120	4,108	4,112	4,112	4,126	4,076	3,953
Operators, fabricators, and laborers	16,816	17,160	17,486	17,814	18,022	18,071	17,456
Machine operators, assemblers, and inspectors	7,840	7,911	7,994	8,117	8,248	8,200	7,820
Transportation and material moving occupations	4,535	4,564	4,712	4,831	4,886	4,886	4,913
Handlers, equipment cleaners, helpers, and laborers	4,441	4,685	4,779	4,866	4,888	4,985	4,723
Farming, forestry, and fishing	3,470	3,444	3,507	3,437	3,421	3,450	3,506
	1992	1993	1994 ¹	1995	1996	1997 ¹	1998 ¹
Total	118,492	120,259	123,060	124,900	126,708	129,558	131,463
Managerial and professional specialty	31,085	32,231	33,847	35,318	36,497	37,686	38,937
Executive, administrative, and managerial	14,722	15,338	16,312	17,186	17,746	18,440	19,054
Professional specialty	16,363	16,893	17,536	18,132	18,752	19,245	19,883
Technical, sales, and administrative support	37,048	37,058	37,306	37,417	37,683	38,309	38,521
Technicians and related support	4,277	4,039	3,869	3,909	3,926	4,214	4,261
Sales	14,014	14,342	14,817	15,119	15,404	15,734	15,850
Administrative support, including clerical	18,757	18,677	18,620	18,389	18,353	18,361	18,410
Service occupations	16,377	16,821	16,912	16,930	17,177	17,537	17,836
Private household	891	928	817	821	804	795	847
Protective service	2,114	2,165	2,249	2,237	2,187	2,300	2,417
Service, except private household and protective	13,373	13,727	13,847	13,872	14,186	14,442	14,572
Precision production, craft, and repair	13,225	13,429	13,489	13,524	13,587	14,124	14,411
Mechanics and repairers	4,466	4,442	4,419	4,423	4,521	4,675	4,786
Construction trades	4,827	5,048	5,008	5,098	5,108	5,378	5,594
Other precision production, craft, and repair	3,931	3,939	4,062	4,004	3,959	4,071	4,031
Operators, fabricators, and laborers	17,247	17,341	17,876	18,068	18,197	18,399	18,256
Machine operators, assemblers, and inspectors	7,658	7,553	7,754	7,907	7,874	7,962	7,791
Transportation and material moving occupations	4,908	5,036	5,136	5,171	5,302	5,389	5,363
Handlers, equipment cleaners, helpers, and laborers	4,682	4,753	4,986	4,990	5,021	5,048	5,102
Farming, forestry, and fishing	3,510	3,379	3,629	3,642	3,566	3,503	3,502

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

Table 11. Employed persons by usual full- or part-time status and sex, annual averages, 1970-98
(In thousands)

Year	Total employed	Full time	Part time	Economic part time ¹
TOTAL				
1970	78,678	66,753	11,925	2,446
1971	79,367	66,973	12,393	2,688
1972 ²	82,153	69,214	12,939	2,648
1973 ²	85,064	71,803	13,262	2,554
1974	86,794	73,093	13,701	2,988
1975	85,846	71,586	14,260	3,804
1976	88,752	73,964	14,788	3,607
1977	92,017	76,625	15,391	3,608
1978 ²	96,048	80,193	15,855	3,516
1979	98,824	82,654	16,171	3,577
1980	99,303	82,562	16,740	4,321
1981	100,397	83,243	17,154	4,768
1982	99,526	81,421	18,106	6,170
1983	100,834	82,322	18,511	6,266
1984	105,005	86,544	18,462	5,744
1985	107,150	88,534	18,615	5,590
1986 ²	109,597	90,529	19,069	5,588
1987	112,440	92,957	19,483	5,401
1988	114,968	95,214	19,754	5,206
1989	117,342	97,369	19,973	4,894
1990 ²	118,793	98,666	20,128	5,204
1991	117,718	97,190	20,528	6,161
1992	118,492	97,664	20,828	6,520
1993	120,259	99,114	21,145	6,481
1994 ²	123,060	99,772	23,288	4,625
1995	124,900	101,679	23,220	4,473
1996	126,708	103,537	23,170	4,315
1997 ²	129,558	106,334	23,224	4,068
1998 ²	131,463	108,202	23,261	3,665
Men				
1970	48,990	44,825	4,166	1,298
1971	49,390	45,023	4,367	1,395
1972 ²	50,896	46,373	4,523	1,347
1973 ²	52,349	47,843	4,507	1,279
1974	53,024	48,378	4,646	1,519
1975	51,857	46,988	4,870	1,973
1976	53,138	48,150	4,988	1,825
1977	54,728	49,551	5,178	1,749
1978 ²	56,479	51,281	5,198	1,638
1979	57,607	52,427	5,180	1,645
1980	57,186	51,717	5,471	2,107
1981	57,397	51,906	5,492	2,285
1982	56,271	50,334	5,937	3,030
1983	56,787	50,643	6,145	2,966
1984	59,091	53,070	6,020	2,651
1985	59,891	53,862	6,028	2,572
1986 ²	60,892	54,685	6,207	2,590
1987	62,107	55,746	6,360	2,513
1988	63,273	56,816	6,457	2,474
1989	64,315	57,885	6,430	2,287
1990 ²	65,104	58,501	6,604	2,519
1991	64,223	57,407	6,815	3,104
1992	64,440	57,363	7,077	3,230
1993	65,349	58,123	7,226	3,124
1994 ²	66,450	58,832	7,617	2,299
1995	67,377	59,936	7,441	2,210
1996	68,207	60,762	7,445	2,106
1997 ²	69,685	62,258	7,427	1,988
1998 ²	70,693	63,189	7,504	1,796

See footnotes at end of table.

Table 11. Employed persons by usual full- and part-time status and sex, annual averages,
1970-98—Continued

(In thousands)

Year	Total employed	Full time	Part time	Economic part time ¹
Women				
1970	29,688	21,929	7,758	1,148
1971	29,976	21,950	8,026	1,293
1972 ²	31,257	22,842	8,416	1,300
1973 ²	32,715	23,960	8,756	1,274
1974	33,769	24,714	9,055	1,468
1975	33,989	24,598	9,391	1,832
1976	35,615	25,814	9,799	1,782
1977	37,289	27,076	10,213	1,859
1978 ²	39,569	28,912	10,658	1,879
1979	41,217	30,227	10,990	1,932
1980	42,117	30,845	11,270	2,215
1981	43,000	31,337	11,664	2,484
1982	43,256	31,086	12,170	3,140
1983	44,047	31,679	12,367	3,300
1984	45,915	33,473	12,441	3,091
1985	47,259	34,672	12,587	3,018
1986 ²	48,706	35,845	12,862	2,999
1987	50,334	37,210	13,124	2,889
1988	51,696	38,398	13,298	2,733
1989	53,027	39,484	13,544	2,607
1990 ²	53,689	40,165	13,524	2,685
1991	53,496	39,783	13,713	3,057
1992	54,052	40,301	13,751	3,290
1993	54,910	40,991	13,919	3,357
1994 ²	56,610	40,940	15,670	2,325
1995	57,523	41,743	15,779	2,263
1996	58,501	42,776	15,725	2,209
1997 ²	59,873	44,076	15,797	2,080
1998 ²	60,771	45,014	15,757	1,869

¹ Includes some persons who usually work full time.

² The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

Table 12. Employees on nonfarm payrolls by major industry division, annual averages, 1947-98
(In thousands)

Year	Total	Total private	Mining	Construction	Manufacturing	Transportation and public utilities	Whole-sale trade	Retail trade	Finance, insurance and, real estate	Services	Government
1947	43,857	38,382	955	2,009	15,545	4,166	2,478	6,477	1,728	5,025	5,474
1948	44,866	39,216	994	2,198	15,582	4,189	2,612	6,659	1,800	5,181	5,650
1949	43,754	37,897	930	2,194	14,441	4,001	2,610	6,654	1,828	5,239	5,856
1950	45,197	39,170	901	2,364	15,241	4,034	2,643	6,743	1,888	5,356	6,026
1951	47,819	41,430	929	2,637	16,393	4,226	2,735	7,007	1,956	5,547	6,389
1952	48,793	42,185	898	2,668	16,632	4,248	2,821	7,184	2,035	5,699	6,609
1953	50,202	43,556	866	2,659	17,549	4,290	2,862	7,385	2,111	5,835	6,645
1954	48,990	42,238	791	2,646	16,314	4,084	2,875	7,360	2,200	5,969	6,751
1955	50,641	43,727	792	2,839	16,882	4,141	2,934	7,601	2,298	6,240	6,914
1956	52,369	45,091	822	3,039	17,243	4,244	3,027	7,831	2,389	6,497	7,278
1957	52,855	45,239	828	2,962	17,176	4,241	3,037	7,848	2,438	6,708	7,616
1958	51,322	43,483	751	2,817	15,945	3,976	2,989	7,761	2,481	6,765	7,839
1959	53,270	45,186	732	3,004	16,675	4,011	3,092	8,035	2,549	7,087	8,083
1960	54,189	45,836	712	2,926	16,796	4,004	3,153	8,238	2,628	7,378	8,353
1961	53,999	45,404	672	2,859	16,326	3,903	3,142	8,195	2,688	7,619	8,594
1962	55,549	46,660	650	2,948	16,853	3,906	3,207	8,359	2,754	7,982	8,890
1963	56,653	47,429	635	3,010	16,995	3,903	3,258	8,520	2,830	8,277	9,225
1964	58,283	48,686	634	3,097	17,274	3,951	3,347	8,812	2,911	8,660	9,596
1965	60,763	50,689	632	3,232	18,062	4,036	3,477	9,239	2,977	9,036	10,074
1966	63,901	53,116	627	3,317	19,214	4,158	3,608	9,637	3,058	9,498	10,784
1967	65,803	54,413	613	3,248	19,447	4,268	3,700	9,906	3,185	10,045	11,391
1968	67,897	56,058	606	3,350	19,781	4,318	3,791	10,308	3,337	10,567	11,839
1969	70,384	58,189	619	3,575	20,167	4,442	3,919	10,785	3,512	11,169	12,195
1970	70,880	58,325	623	3,588	19,367	4,515	4,006	11,034	3,645	11,548	12,554
1971	71,211	58,331	609	3,704	18,623	4,476	4,014	11,338	3,772	11,797	12,881
1972	73,675	60,341	628	3,889	19,151	4,541	4,127	11,822	3,908	12,276	13,334
1973	76,790	63,058	642	4,097	20,154	4,656	4,291	12,315	4,046	12,857	13,732
1974	78,265	64,095	697	4,020	20,077	4,725	4,447	12,539	4,148	13,441	14,170
1975	76,945	62,259	752	3,525	18,323	4,542	4,430	12,630	4,165	13,892	14,686
1976	79,382	64,511	779	3,576	18,997	4,582	4,562	13,193	4,271	14,551	14,871
1977	82,471	67,344	813	3,851	19,682	4,713	4,723	13,792	4,467	15,302	15,127
1978	86,697	71,026	851	4,229	20,505	4,923	4,985	14,556	4,724	16,252	15,672
1979	89,823	73,876	958	4,463	21,040	5,136	5,221	14,972	4,975	17,112	15,947
1980	90,406	74,166	1,027	4,346	20,285	5,146	5,292	15,018	5,160	17,890	16,241
1981	91,152	75,121	1,139	4,188	20,170	5,165	5,375	15,171	5,298	18,615	16,031
1982	89,544	73,707	1,128	3,904	18,780	5,081	5,295	15,158	5,340	19,021	15,837
1983	90,152	74,282	952	3,946	18,432	4,952	5,283	15,587	5,466	19,664	15,869
1984	94,408	78,384	966	4,380	19,372	5,156	5,568	16,512	5,684	20,746	16,024
1985	97,387	80,992	927	4,668	19,248	5,233	5,727	17,315	5,948	21,927	16,394
1986	99,344	82,651	777	4,810	18,947	5,247	5,761	17,880	6,273	22,957	16,693
1987	101,958	84,948	717	4,958	18,999	5,362	5,848	18,422	6,533	24,110	17,010
1988	105,209	87,823	713	5,098	19,314	5,512	6,030	19,023	6,630	25,504	17,386
1989	107,884	90,105	692	5,171	19,391	5,614	6,187	19,475	6,668	26,907	17,779
1990	109,403	91,098	709	5,120	19,076	5,777	6,173	19,601	6,709	27,934	18,304
1991	108,249	89,847	689	4,650	18,406	5,755	6,081	19,284	6,646	28,336	18,402
1992	108,601	89,956	635	4,492	18,104	5,718	5,997	19,356	6,602	29,052	18,645
1993	110,713	91,872	610	4,668	18,075	5,811	5,981	19,773	6,757	30,197	18,841
1994	114,163	95,036	601	4,986	18,321	5,984	6,162	20,507	6,896	31,579	19,128
1995	117,191	97,885	581	5,160	18,524	6,132	6,378	21,187	6,806	33,117	19,305
1996	119,608	100,189	580	5,418	18,495	6,253	6,482	21,597	6,911	34,454	19,419
1997	122,690	103,133	596	5,691	18,675	6,408	6,648	21,966	7,109	36,040	19,557
1998	125,826	106,007	590	5,985	18,772	6,600	6,831	22,296	7,407	37,526	19,819

NOTE: Current estimates are projected from March 1996 benchmark levels.

Table 13. Employees on nonfarm payrolls by industry, annual averages, 1990-98

(In thousands)

Industry	1990	1991	1992	1993	1994	1995	1996	1997	1998
Total nonfarm	109,403	108,249	108,601	110,713	114,163	117,191	119,608	122,690	125,826
Total private	91,098	89,847	89,956	91,872	95,036	97,885	100,189	103,133	106,007
Goods-producing	24,905	23,745	23,231	23,352	23,908	24,265	24,493	24,962	25,347
Mining	709	689	635	610	601	581	508	596	590
Metal mining	58	56	53	50	49	51	54	54	50
Coal mining	147	136	127	109	112	104	98	96	92
Oil and gas extraction	395	393	353	350	337	320	322	339	339
Nonmetallic minerals, except fuels	110	105	102	102	104	105	106	108	109
Construction	5,120	4,650	4,492	4,668	4,986	5,160	5,418	5,691	5,985
General building contractors	1,298	1,140	1,077	1,120	1,188	1,207	1,257	1,310	1,372
Heavy construction, except building	770	727	711	713	740	752	777	799	838
Special trade contractors ...	3,051	2,783	2,704	2,836	3,058	3,201	3,384	3,582	3,774
Manufacturing	19,076	18,406	18,104	18,075	18,321	18,524	18,495	18,675	18,772
Durable goods	11,109	10,569	10,277	10,221	10,448	10,683	10,789	11,010	11,170
Lumber and wood products	733	675	680	709	754	769	778	796	813
Furniture and fixtures	506	475	478	487	505	510	504	512	530
Stone, clay, and glass products	556	522	513	517	532	540	544	552	563
Primary metal industries	756	723	695	683	698	712	711	711	712
Blast furnaces and basic steel products..	276	263	250	240	239	242	240	235	232
Fabricated metal products	1,419	1,355	1,329	1,339	1,388	1,437	1,449	1,479	1,501
Industrial machinery and equipment	2,095	2,000	1,929	1,931	1,990	2,067	2,115	2,168	2,203
Computer and office equipment	438	415	391	363	354	352	362	376	379
Electronic and other electrical equipment .	1,673	1,591	1,528	1,526	1,571	1,625	1,661	1,689	1,704
Electronic components and accessories	582	555	527	528	544	581	617	650	660
Transportation equipment	1,989	1,890	1,830	1,756	1,761	1,790	1,785	1,845	1,884
Motor vehicles and equipment	812	789	813	837	909	971	967	986	990
Aircraft and parts	712	669	612	542	482	451	458	501	524
Instruments and related products	1,006	974	929	896	861	843	855	866	868
Miscellaneous manufac- turing industries	375	366	368	378	389	390	388	392	393
Nondurable goods	7,968	7,837	7,827	7,854	7,873	7,841	7,706	7,665	7,602
Food and kindred products	1,661	1,667	1,663	1,680	1,678	1,692	1,692	1,685	1,686
Tobacco products	49	49	48	44	43	42	41	41	41
Textile mill products	691	670	674	675	676	663	627	616	598
Apparel and other textile products	1,036	1,006	1,007	989	974	936	868	824	763
Paper and allied products	697	688	690	692	692	693	684	683	675
Printing and publishing ..	1,569	1,536	1,507	1,517	1,537	1,546	1,540	1,552	1,565
Chemicals and allied products	1,086	1,076	1,084	1,081	1,057	1,038	1,034	1,036	1,043
Petroleum and coal products	157	160	158	152	149	145	142	141	140
Rubber and miscella- neous plastics products	888	862	878	909	953	980	983	996	1,009
Leather and leather products	133	124	120	117	113	106	96	91	83

See note at end of table.

Table 13. Employees on nonfarm payrolls by industry, annual averages, 1990-98—Continued

(In thousands)

Industry	1990	1991	1992	1993	1994	1995	1996	1997	1998
Service-producing	84,497	84,504	85,370	87,361	90,256	92,925	95,115	97,727	100,480
Transportation and public utilities	5,777	5,755	5,718	5,811	5,984	6,132	6,253	6,408	6,600
Transportation	3,511	3,495	3,495	3,598	3,761	3,904	4,019	4,123	4,276
Railroad transportation	279	262	254	248	241	238	231	227	231
Local and interurban passenger transit.....	338	354	361	379	404	419	437	452	468
Trucking and warehousing	1,395	1,378	1,385	1,444	1,526	1,587	1,637	1,677	1,745
Water transportation	177	184	173	168	172	175	174	179	180
Transportation by air	968	962	964	988	1,023	1,068	1,107	1,134	1,183
Pipelines, except natural gas	19	19	19	18	17	15	15	14	14
Transportation services	336	336	338	352	378	401	418	441	455
Communications and public utilities	2,266	2,260	2,223	2,214	2,223	2,229	2,234	2,285	2,324
Communications	1,309	1,299	1,269	1,269	1,295	1,318	1,351	1,419	1,469
Electric, gas, and sanitary services	957	961	954	944	928	911	884	866	855
Wholesale trade	6,173	6,081	5,997	5,981	6,162	6,378	6,482	6,648	6,831
Durable goods	3,614	3,531	3,446	3,433	3,559	3,715	3,805	3,927	4,042
Nondurable goods	2,559	2,550	2,552	2,549	2,604	2,663	2,677	2,721	2,789
Retail trade	19,601	19,284	19,356	19,773	20,507	21,187	21,597	21,966	22,296
Building materials and garden supplies	771	747	758	779	833	868	894	929	948
General merchandise stores	2,540	2,453	2,451	2,488	2,583	2,681	2,702	2,701	2,730
Department stores	2,150	2,074	2,080	2,140	2,246	2,346	2,367	2,380	2,425
Food stores	3,215	3,204	3,180	3,224	3,291	3,366	3,436	3,478	3,482
Automotive dealers and service stations	2,063	1,984	1,966	2,014	2,116	2,190	2,267	2,311	2,341
New and used car dealers	924	879	875	908	963	996	1,031	1,046	1,048
Apparel and accessory stores	1,183	1,151	1,131	1,144	1,144	1,125	1,098	1,109	1,143
Furniture and home furnishings stores	820	801	800	828	889	946	975	999	1,026
Eating and drinking places	6,509	6,476	6,609	6,821	7,078	7,354	7,517	7,646	7,760
Miscellaneous retail establishments	2,499	2,468	2,461	2,476	2,573	2,658	2,709	2,794	2,867
Finance, insurance, and real estate	6,709	6,646	6,602	6,757	6,896	6,806	6,911	7,109	7,407
Finance	3,268	3,187	3,160	3,238	3,299	3,231	3,303	3,424	3,593
Depository institutions	2,251	2,164	2,096	2,089	2,066	2,025	2,019	2,027	2,042
Commercial banks	1,564	1,529	1,490	1,497	1,484	1,466	1,458	1,463	1,468
Savings institutions	438	382	346	324	305	276	266	260	258
Nondepository institutions	373	379	406	455	491	463	522	577	658
Mortgage bankers and brokers	152	152	180	225	249	205	233	263	328
Security and commodity brokers	424	420	440	472	516	525	553	596	645
Holding and other investment offices	221	224	219	223	227	217	210	223	248
Insurance	2,126	2,161	2,152	2,197	2,236	2,225	2,226	2,264	2,344
Insurance carriers	1,462	1,495	1,496	1,529	1,552	1,529	1,517	1,539	1,598
Insurance agents, brokers, and service	663	666	657	668	684	696	709	725	746
Real estate	1,315	1,299	1,290	1,322	1,361	1,351	1,382	1,421	1,471
Services	27,934	28,336	29,052	30,197	31,579	33,117	34,454	36,040	37,526
Agricultural services	490	487	490	519	564	582	627	678	706
Hotels and other lodging places	1,631	1,589	1,576	1,596	1,631	1,668	1,715	1,746	1,776
Personal services	1,104	1,112	1,116	1,137	1,140	1,163	1,180	1,186	1,195
Business services	5,139	5,086	5,315	5,735	6,281	6,812	7,293	7,988	8,584
Services to buildings	807	796	805	823	857	882	907	930	950
Personnel supply services	1,535	1,485	1,629	1,906	2,272	2,476	2,654	2,985	3,230
Help supply services	1,288	1,268	1,411	1,669	2,017	2,189	2,352	2,656	2,872
Computer and data processing services	772	797	836	893	959	1,090	1,228	1,409	1,599

See note at end of table.

Table 13. Employees on nonfarm payrolls by industry, annual averages, 1990-98—Continued
(In thousands)

Industry	1990	1991	1992	1993	1994	1995	1996	1997	1998
Services—Continued									
Auto repair, services, and parking	914	882	881	925	968	1,020	1,080	1,120	1,144
Miscellaneous repair services	374	341	347	349	338	359	372	374	382
Motion pictures	408	411	401	412	441	488	525	550	573
Amusement and recreation services	1,076	1,122	1,188	1,258	1,334	1,417	1,476	1,552	1,601
Health services	7,814	8,183	8,490	8,756	8,992	9,230	9,478	9,703	9,846
Offices and clinics of medical doctors	1,338	1,405	1,463	1,506	1,545	1,609	1,678	1,739	1,803
Nursing and personal care facilities	1,415	1,493	1,533	1,585	1,649	1,691	1,730	1,756	1,762
Hospitals	3,549	3,655	3,750	3,779	3,763	3,772	3,812	3,860	3,926
Home health care services	291	345	398	469	559	629	675	710	672
Legal services	908	912	914	924	924	921	928	944	973
Educational services	1,661	1,710	1,678	1,711	1,850	1,965	2,030	2,104	2,177
Social services	1,734	1,845	1,959	2,070	2,200	2,336	2,413	2,518	2,644
Child day care services .	391	417	451	473	515	563	565	576	605
Residential care	461	501	534	567	604	643	677	716	747
Museums, botanical and zoological gardens	66	69	73	76	79	80	85	90	93
Membership organizations	1,946	1,982	1,973	2,035	2,082	2,146	2,201	2,277	2,361
Engineering and management services	2,478	2,433	2,471	2,521	2,579	2,731	2,844	2,988	3,185
Engineering and architectural services	786	750	742	757	778	815	836	865	905
Management and public relations	610	617	655	688	719	805	870	939	1,034
Government	18,304	18,402	18,645	18,841	19,128	19,305	19,419	19,557	19,819
Federal	3,085	2,966	2,969	2,915	2,870	2,822	2,757	2,699	2,686
Federal, except Postal Service	2,267	2,159	2,177	2,128	2,053	1,978	1,901	1,842	1,819
State government	4,305	4,355	4,408	4,488	4,576	4,635	4,606	4,582	4,612
State government, except education	2,574	2,587	2,610	2,654	2,694	2,715	2,695	2,678	2,695
State government education	1,730	1,768	1,799	1,834	1,882	1,919	1,911	1,904	1,916
Local government	10,914	11,081	11,267	11,438	11,682	11,849	12,056	12,276	12,521
Local government, except education	4,873	4,945	5,048	5,085	5,203	5,243	5,308	5,357	5,440
Local government education	6,042	6,136	6,220	6,353	6,479	6,606	6,748	6,918	7,082

NOTE: Current estimates are projected from March 1998 benchmark levels.

Table 14. Average weekly hours of production workers on private nonfarm payrolls by major industry division, annual averages, 1947-98

Year	Total private	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
1947	40.3	40.8	38.2	40.4	—	41.1	40.3	37.9	—
1948	40.0	39.4	38.1	40.0	—	41.0	40.2	37.9	—
1949	39.4	36.3	37.7	39.1	—	40.8	40.4	37.8	—
1950	39.8	37.9	37.4	40.5	—	40.7	40.4	37.7	—
1951	39.9	38.4	38.1	40.6	—	40.8	40.4	37.7	—
1952	39.9	38.6	38.9	40.7	—	40.7	39.8	37.8	—
1953	39.6	38.8	37.9	40.5	—	40.6	39.1	37.7	—
1954	39.1	38.6	37.2	39.6	—	40.5	39.2	37.6	—
1955	39.6	40.7	37.1	40.7	—	40.7	39.0	37.6	—
1956	39.3	40.8	37.5	40.4	—	40.5	38.6	36.9	—
1957	38.8	40.1	37.0	39.8	—	40.3	38.1	36.7	—
1958	38.5	38.9	36.8	39.2	—	40.2	38.1	37.1	—
1959	39.0	40.5	37.0	40.3	—	40.6	38.2	37.3	—
1960	38.6	40.4	36.7	39.7	—	40.5	38.0	37.2	—
1961	38.6	40.5	36.9	39.8	—	40.5	37.6	36.9	—
1962	38.7	41.0	37.0	40.4	—	40.6	37.4	37.3	—
1963	38.8	41.6	37.3	40.5	—	40.6	37.3	37.5	—
1964	38.7	41.9	37.2	40.7	41.1	40.7	37.0	37.3	36.1
1965	38.8	42.3	37.4	41.2	41.3	40.8	36.6	37.2	35.9
1966	38.6	42.7	37.6	41.4	41.2	40.7	35.9	37.3	35.5
1967	38.0	42.6	37.7	40.6	40.5	40.3	35.3	37.1	35.1
1968	37.8	42.6	37.3	40.7	40.6	40.1	34.7	37.0	34.7
1969	37.7	43.0	37.9	40.6	40.7	40.2	34.2	37.1	34.7
1970	37.1	42.7	37.3	39.8	40.5	39.9	33.8	36.7	34.4
1971	36.9	42.4	37.2	39.9	40.1	39.4	33.7	36.6	33.9
1972	37.0	42.6	36.5	40.5	40.4	39.4	33.4	36.6	33.9
1973	36.9	42.4	36.8	40.7	40.5	39.2	33.1	36.6	33.8
1974	36.5	41.9	36.6	40.0	40.2	38.8	32.7	36.5	33.6
1975	36.1	41.9	36.4	39.5	39.7	38.6	32.4	36.5	33.5
1976	36.1	42.4	36.8	40.1	39.8	38.7	32.1	36.4	33.3
1977	36.0	43.4	36.5	40.3	39.9	38.8	31.6	36.4	33.0
1978	35.8	43.4	36.8	40.4	40.0	38.8	31.0	36.4	32.8
1979	35.7	43.0	37.0	40.2	39.9	38.8	30.6	36.2	32.7
1980	35.3	43.3	37.0	39.7	39.6	38.4	30.2	36.2	32.6
1981	35.2	43.7	36.9	39.8	39.4	38.5	30.1	36.3	32.6
1982	34.8	42.7	36.7	38.9	39.0	38.3	29.9	36.2	32.6
1983	35.0	42.5	37.1	40.1	39.0	38.5	29.8	36.2	32.7
1984	35.2	43.3	37.8	40.7	39.4	38.5	29.8	36.5	32.6
1985	34.9	43.4	37.7	40.5	39.5	38.4	29.4	36.4	32.5
1986	34.8	42.2	37.4	40.7	39.2	38.3	29.2	36.4	32.5
1987	34.8	42.4	37.8	41.0	39.2	38.1	29.2	36.3	32.5
1988	34.7	42.3	37.9	41.1	38.2	38.1	29.1	35.9	32.6
1989	34.6	43.0	37.9	41.0	38.3	38.0	28.9	35.8	32.6
1990	34.5	44.1	38.2	40.8	38.4	38.1	28.8	35.8	32.5
1991	34.3	44.4	38.1	40.7	38.1	38.1	28.6	35.7	32.4
1992	34.4	43.9	38.0	41.0	38.3	38.2	28.8	35.8	32.5
1993	34.5	44.3	38.5	41.4	39.3	38.2	28.8	35.8	32.5
1994	34.7	44.8	38.9	42.0	39.7	38.4	28.9	35.8	32.5
1995	34.5	44.7	38.9	41.6	39.4	38.3	28.8	35.9	32.4
1996	34.4	45.3	39.0	41.6	39.6	38.3	28.8	35.9	32.4
1997	34.6	45.4	39.0	42.0	39.7	38.4	28.9	36.1	32.6
1998	34.6	43.9	38.8	41.7	39.5	38.4	29.0	36.4	32.6

Dash indicates data not available.

NOTE: Current estimates are projected from March 1998 benchmark levels.

Table 15. Indexes of aggregate weekly hours of production workers on private nonfarm payrolls by major industry division, annual averages, 1947-98

(1982=100)

Year	Total private	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
1947	-	101.4	62.0	105.8	-	56.8	-	-	-
1948	-	101.9	67.6	104.2	-	59.5	-	-	-
1949	-	86.8	66.7	93.0	-	59.0	-	-	-
1950	-	88.3	71.3	102.2	-	59.7	-	-	-
1951	-	91.9	81.0	109.6	-	61.7	-	-	-
1952	-	88.2	83.3	109.6	-	63.3	-	-	-
1953	-	84.8	80.5	114.8	-	63.7	-	-	-
1954	-	75.5	78.2	102.4	-	63.1	-	-	-
1955	-	78.9	83.4	109.0	-	64.4	-	-	-
1956	-	81.5	90.2	109.5	-	65.9	-	-	-
1957	-	79.6	86.6	105.9	-	65.4	-	-	-
1958	-	67.9	80.8	94.8	-	63.6	-	-	-
1959	-	68.1	86.7	102.3	-	66.4	-	-	-
1960	-	65.7	83.2	100.7	-	67.3	-	-	-
1961	-	61.5	81.4	97.0	-	66.8	-	-	-
1962	-	59.8	83.9	101.6	-	68.1	-	-	-
1963	-	59.1	86.8	102.4	-	68.8	-	-	-
1964	75.8	59.4	89.1	104.9	87.7	70.6	73.2	60.4	51.9
1965	79.1	59.6	93.4	111.5	89.9	73.3	75.9	61.4	54.0
1966	82.5	59.3	96.3	119.2	91.7	75.7	77.6	62.8	56.4
1967	82.9	57.0	93.8	117.1	92.1	76.5	78.3	64.8	58.9
1968	84.9	56.0	95.6	119.2	93.4	77.7	80.1	67.8	61.3
1969	87.7	57.9	103.6	121.0	96.3	80.6	82.6	71.6	64.2
1970	86.3	57.6	101.3	112.8	96.9	81.7	83.4	73.0	65.3
1971	85.8	54.9	103.6	108.8	95.1	80.4	85.3	74.3	65.6
1972	89.2	57.8	107.9	114.8	97.3	82.5	88.2	76.5	68.0
1973	93.2	58.8	113.7	121.7	99.9	85.6	90.9	78.9	71.3
1974	93.2	63.4	109.5	118.1	100.4	87.6	91.0	79.8	73.9
1975	88.8	68.3	92.7	103.8	94.6	86.4	90.6	79.9	76.0
1976	92.3	71.5	94.0	110.3	95.5	89.1	93.9	81.5	78.8
1977	96.0	76.5	100.2	115.0	97.9	92.5	96.5	85.4	82.0
1978	100.7	79.0	112.2	120.1	101.3	97.7	100.0	90.3	86.3
1979	104.0	88.2	119.9	122.1	104.9	102.0	101.5	94.4	90.2
1980	102.8	94.1	115.1	113.8	104.1	101.9	100.1	97.8	94.3
1981	104.1	104.8	109.3	112.5	103.3	103.3	100.6	105.5	98.2
1982	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1983	101.5	81.5	102.2	101.4	97.3	99.9	102.7	101.6	103.6
1984	107.7	84.9	116.8	109.0	102.8	105.3	108.2	106.4	108.2
1985	110.5	81.4	125.3	106.9	104.6	108.4	111.7	110.9	114.0
1986	112.3	65.7	128.2	105.7	104.0	108.5	114.3	116.7	119.2
1987	115.6	61.8	132.7	107.0	106.5	109.4	117.9	120.1	124.9
1988	119.3	61.7	136.9	109.3	108.2	113.3	121.0	119.2	132.2
1989	122.1	60.5	138.9	109.3	111.1	116.1	122.9	119.5	139.3
1990	123.0	63.9	138.0	106.4	114.5	115.7	123.0	120.2	144.2
1991	120.4	62.0	122.8	102.1	113.4	113.7	119.5	118.3	145.3
1992	121.2	56.2	118.4	101.7	113.6	112.8	120.6	118.1	149.3
1993	124.6	54.3	125.4	103.1	118.2	112.8	123.4	121.2	155.4
1994	130.0	54.6	136.3	107.0	121.8	116.9	128.6	124.0	163.1
1995	133.5	54.1	140.9	107.5	123.9	121.1	132.2	122.9	120.7
1996	136.7	55.6	148.7	107.2	127.5	122.9	134.6	125.0	177.4
1997	141.5	58.3	156.2	109.4	130.5	126.1	137.7	129.6	186.6
1998	145.1	56.1	163.7	108.8	132.1	128.8	140.0	136.6	194.3

Dash indicates data not available.

NOTE: Current estimates are projected from March 1998 benchmark levels.

Table 16. Percent distribution of all hours worked by women in the private business sector by years of completed schooling, 1948-97

Year	Years of completed schooling						
	0-4	5-8	9-11	12	13-15	16	17+
1948	4.8	29.5	18.8	36.3	6.8	2.5	1.3
1949	4.5	25.4	20.5	35.5	9.2	3.2	1.6
1950	4.5	25.4	20.3	35.7	9.2	3.2	1.6
1951	4.6	25.8	20.1	36.4	8.4	3.2	1.6
1952	4.6	26.2	19.8	37.0	7.6	3.2	1.6
1953	4.3	25.5	19.9	37.9	7.7	3.2	1.6
1954	4.1	24.7	19.8	38.8	7.8	3.3	1.6
1955	3.7	24.1	19.8	39.6	7.8	3.3	1.6
1956	3.4	23.4	19.9	40.4	7.9	3.4	1.6
1957	3.1	22.5	19.8	41.3	8.0	3.5	1.7
1958	3.0	22.3	20.6	40.2	8.8	3.4	1.6
1959	2.9	22.5	21.7	38.7	9.5	3.2	1.5
1960	2.7	21.7	22.2	38.0	10.6	3.3	1.5
1961	2.5	20.5	20.8	40.3	10.5	4.1	1.2
1962	2.3	18.9	19.4	43.0	10.6	4.8	1.0
1963	2.2	18.5	19.4	44.2	10.1	4.4	1.2
1964	2.1	18.2	19.4	45.2	9.7	4.0	1.4
1965	2.0	17.4	19.2	45.9	9.7	4.2	1.6
1966	1.6	16.7	19.1	47.4	10.3	3.5	1.5
1967	1.3	15.2	18.9	48.0	12.0	3.5	1.1
1968	1.4	13.5	18.6	50.1	11.7	3.3	1.3
1969	1.1	12.4	17.7	50.6	12.3	4.1	1.7
1970	1.1	11.7	17.2	50.3	13.2	4.4	2.1
1971	1.2	10.5	16.9	51.3	13.6	4.8	1.6
1972	1.1	9.5	16.0	52.5	14.2	4.8	1.8
1973	1.0	8.9	15.5	50.8	15.9	5.6	2.2
1974 .....	.8	8.3	14.9	50.8	16.1	6.3	2.8
1975 .....	.8	7.7	15.1	50.3	16.4	6.9	2.8
1976 .....	.9	7.3	14.9	50.4	16.8	7.1	2.7
1977 .....	.8	6.9	14.4	50.1	17.6	7.3	2.8
1978 .....	.8	6.0	13.2	50.4	18.5	7.7	3.4
1979 .....	.7	5.7	12.4	50.2	18.8	8.6	3.6
1980 .....	.6	5.2	11.9	50.0	19.7	8.9	3.6
1981 .....	.7	4.9	11.3	49.8	19.7	9.3	4.4
1982 .....	.6	4.4	10.4	48.7	20.6	10.4	4.9
1983 .....	.6	3.9	9.9	48.5	21.0	11.0	5.2
1984 .....	.6	3.7	9.7	47.3	22.0	11.7	5.1
1985 .....	.5	3.4	9.1	47.0	22.6	12.2	5.2
1986 .....	.4	3.3	8.9	46.8	22.7	12.3	5.5
1987 .....	.7	3.0	9.3	46.0	23.0	12.5	5.5
1988 .....	.7	2.8	9.0	45.6	22.8	13.2	5.9
1989 .....	.6	2.7	8.5	45.0	23.3	13.5	6.3
1990 .....	.6	2.7	8.4	44.4	23.4	14.1	6.3
1991 ¹ .....	.5	2.2	6.6	41.1	29.5	15.2	4.9
1992 ² .....	.5	2.1	6.2	39.8	30.4	15.7	5.2
1993 .....	.5	2.2	6.6	37.4	32.2	15.8	5.2
1994 .....	.5	2.2	6.6	36.5	32.4	16.2	5.6
1995 .....	.5	2.2	6.8	36.1	31.8	16.9	5.7
1996 .....	.4	2.1	6.5	36.7	31.2	17.4	5.7
1997 .....	.5	2.1	6.3	35.8	31.5	17.6	6.2

¹March 1992 Current Population Survey used in measuring 1991 data revised questions on educational attainment. Data prior to 1991 are not strictly comparable.

²May not be strictly comparable before 1993 data due to comprehensive revisions in the CPS questionnaire.

NOTE: Rows may not sum to 100.0 due to rounding.

Table 17. Percent distribution of all hours worked by men in the private business sector by years of completed schooling, 1948-97

Year	Years of completed schooling						
	0-4	5-8	9-11	12	13-15	16	17+
1948	8.3	35.6	20.5	23.1	6.5	3.6	2.4
1949	9.3	36.0	19.5	21.4	7.1	4.0	2.7
1950	9.1	35.9	19.5	21.5	7.2	4.1	2.7
1951	8.8	35.1	19.1	22.4	7.4	4.3	2.9
1952	8.5	34.4	18.8	23.3	7.6	4.4	3.0
1953	8.1	33.4	19.0	24.0	7.7	4.7	3.2
1954	7.6	32.4	19.1	24.7	7.7	4.9	3.4
1955	7.1	31.3	19.4	25.7	7.8	5.1	3.6
1956	6.7	30.3	19.6	26.5	7.9	5.3	3.7
1957	6.2	29.3	19.8	27.3	7.9	5.5	3.9
1958	5.9	28.9	20.2	26.8	8.6	5.5	4.0
1959	5.5	28.4	20.7	26.4	9.3	5.5	4.0
1960	5.2	27.8	21.1	26.1	10.1	5.6	4.1
1961	4.8	25.8	20.4	28.2	10.2	6.5	4.2
1962	4.5	23.8	19.6	30.2	10.2	7.3	4.3
1963	4.1	22.9	19.6	31.5	10.2	7.2	4.5
1964	3.7	22.0	19.6	32.8	10.2	7.0	4.7
1965	3.8	21.1	19.3	33.8	10.1	7.5	4.5
1966	3.4	20.4	19.5	34.4	10.2	7.8	4.4
1967	2.9	18.6	18.8	35.3	11.9	7.6	5.1
1968	2.7	17.9	18.7	35.8	12.2	7.7	5.0
1969	2.5	17.0	17.7	36.4	12.8	8.2	5.4
1970	2.4	15.7	16.9	37.2	13.5	8.6	5.7
1971	2.3	14.8	17.2	37.2	13.8	8.8	5.8
1972	2.3	12.9	16.3	38.8	14.6	9.1	6.0
1973	2.1	12.4	15.7	38.6	15.2	9.5	6.5
1974	1.7	10.7	14.9	38.7	16.0	10.9	7.2
1975	1.8	10.8	14.9	38.9	15.9	10.7	7.0
1976	1.7	10.1	15.0	38.5	16.4	10.9	7.3
1977	1.7	9.7	14.5	38.4	17.4	10.9	7.5
1978	1.5	8.9	13.6	39.0	18.1	11.1	7.8
1979	1.4	8.5	13.7	39.0	17.8	11.5	8.1
1980	1.4	7.8	13.1	39.5	17.8	12.1	8.3
1981	1.3	7.3	12.5	39.6	17.6	12.5	9.2
1982	1.3	6.5	11.7	38.6	18.0	13.8	10.2
1983	1.0	6.4	10.9	39.2	18.4	13.9	10.1
1984	1.1	6.2	11.0	39.2	18.7	14.1	9.8
1985	1.1	5.8	10.5	39.4	19.4	14.5	9.5
1986	1.0	5.6	10.7	39.0	39.0	14.5	9.9
1987	1.1	5.2	10.7	39.2	18.8	14.8	10.1
1988	1.2	5.1	10.2	38.8	19.5	14.7	10.6
1989	1.3	4.9	10.0	38.8	20.0	15.2	10.1
1990	1.2	4.5	9.7	39.2	20.2	15.1	10.0
1991 ¹	1.0	3.9	8.2	37.1	24.4	17.0	8.4
1992 ²	1.0	3.7	7.8	36.2	25.0	17.2	9.1
1993 ²	1.0	3.8	7.7	35.2	26.0	17.4	8.9
1994	1.0	3.7	7.6	34.7	26.1	18.0	8.9
1995	1.0	3.7	8.0	34.5	26.3	17.6	8.9
1996	1.0	3.7	8.1	34.3	26.0	18.0	8.8
1997	1.0	3.4	7.8	34.8	26.0	18.2	8.9

¹ March 1992 Current Population Survey used in measuring 1991 data contained revised questions on educational attainment. Data prior to 1991 are not strictly comparable.

² May not be strictly comparable before 1993 data due to comprehensive revisions in the CPS questionnaire.

NOTE: Rows may not sum to 100.0 due to rounding.

Table 18. Employment Cost Index for wages and salaries, annual averages,¹ 1976-98

Year	Civilian workers	State and local government workers	Private industry workers					
			All private industry workers	White-collar workers	Blue-collar workers	Goods-producing workers	Service-producing workers	Manufacturing workers
1976	—	—	47.9	46.8	49.5	49.0	47.1	48.3
1977	—	—	51.3	49.8	53.3	52.8	50.1	52.1
1978	—	—	55.2	53.5	57.5	57.0	53.9	56.2
1979	—	—	59.6	57.5	62.4	61.6	58.1	60.9
1980	—	—	65.1	62.7	68.4	67.5	63.4	66.8
1981	—	—	71.0	68.5	74.6	73.5	69.2	72.8
1982	75.1	71.0	76.0	73.6	79.4	78.6	74.2	77.7
1983	79.1	75.0	80.0	77.9	83.0	82.0	78.5	81.2
1984	82.8	79.3	83.5	81.7	86.0	85.2	82.5	84.7
1985	86.5	83.8	87.2	85.7	89.2	88.6	86.3	88.3
1986	89.9	88.3	90.2	89.2	91.7	91.5	89.4	91.3
1987	92.9	92.4	93.1	92.4	94.0	93.9	92.5	93.9
1988	96.6	96.7	96.5	96.1	97.1	97.2	96.1	97.1
1989	100.8	101.6	100.6	100.7	100.4	100.5	100.7	100.7
1990	105.3	107.2	104.8	105.3	104.1	104.6	105.0	104.9
1991	109.4	111.9	108.8	109.5	107.6	108.4	109.0	108.9
1992	112.6	115.1	111.9	112.7	110.7	111.8	112.0	112.6
1993	115.8	118.4	115.2	116.1	113.7	114.9	115.3	116.0
1994	119.2	121.8	118.5	119.7	116.9	118.4	118.6	119.5
1995	122.6	125.7	121.9	123.1	120.3	121.7	122.0	123.2
1996	126.6	129.2	126.0	127.4	123.9	125.5	126.2	127.0
1997	130.9	132.7	130.4	132.1	127.7	129.2	130.9	130.7
1998	135.9	136.7	135.7	137.9	131.8	133.7	136.5	135.3

Dash indicates data not available.

¹ The annual average is the average for four quarters of a year

Table 19. Employer compensation costs per employee hours worked, all private industry, 1986-98

Measure	Total compensation	Wage and salaries	Total benefits	Paid leave	Supplemental pay	Insurance	Retirement and savings	Legally required benefits	Other benefits
Cost per hour worked									
1986	\$13.25	\$9.67	\$3.58	\$93	\$30	\$73	\$50	\$1.11	\$.02
1987	13.42	9.83	3.60	.93	.32	.72	.48	1.13	.02
1988	13.79	10.02	3.77	.97	.33	.78	.45	1.22	.02
1989	14.28	10.38	3.90	1.00	.34	.85	.42	1.27	.02
1990	14.96	10.84	4.13	1.03	.37	.92	.45	1.35	(1)
1991	15.40	11.14	4.27	1.05	.36	1.01	.44	1.40	(1)
1992	16.14	11.58	4.55	1.09	.39	1.12	.46	1.47	.02
1993	16.70	11.90	4.80	1.11	.42	1.19	.48	1.55	.04
1994	17.08	12.14	4.94	1.11	.44	1.23	.52	1.60	.04
1995	17.10	12.25	4.85	1.09	.47	1.15	.52	1.59	.03
1996	17.49	12.58	4.91	1.12	.49	1.14	.55	1.59	.03
1997	17.97	13.04	4.94	1.14	.51	1.09	.55	1.62	.03
1998	18.50	13.47	5.02	1.16	.56	1.10	.55	1.63	.03
Percent of total compensation									
1986	100.0	73.0	27.0	7.0	23	5.5	3.8	8.4	.1
1987	100.0	73.2	26.8	6.9	24	5.4	3.6	8.4	.1
1988	100.0	72.7	27.3	7.0	24	5.6	3.3	8.8	.2
1989	100.0	72.7	27.3	7.0	24	6.0	2.9	8.9	.1
1990	100.0	72.4	27.6	6.9	25	6.1	3.0	9.0	(1)
1991	100.0	72.3	27.7	6.8	23	6.5	2.9	9.1	(1)
1992	100.0	71.8	28.2	6.8	24	6.9	2.9	9.1	.1
1993	100.0	71.3	28.7	6.6	25	7.2	2.9	9.3	.2
1994	100.0	71.1	28.9	6.5	26	7.2	3.0	9.4	.2
1995	100.0	71.6	28.4	6.4	28	6.7	3.0	9.3	.2
1996	100.0	71.9	28.1	6.4	28	6.5	3.1	9.1	.2
1997	100.0	72.5	27.5	6.3	29	6.1	3.0	9.0	.1
1998	100.0	72.8	27.1	6.3	3.0	5.9	3.0	8.8	.2

¹ Cost per hour worked is \$0.01 or less.

NOTE: The Employment Cost Index (ECI) sample—source of these data—systematically replaced industry by industry over about a 4½ year period, and with processing time, individual establishments may remain in the ECI sample for as long as 6 years. Changes over time in Employer Costs for Employee Compensation are, therefore, affected both by changes in the costs for the establishments in industry samples continuing from previous periods, and by changes in the samples of establishments for industries that have been resurveyed. The updating of industry samples periodically (rather than on an ongoing basis) may have a significant impact on cost changes estimated over short time intervals. Consequently, the Bureau advises caution in interpreting short-term comparisons of costs per hour worked.

TABLE 20. Mean hourly earnings¹ for selected occupations, all workers, all industries, selected areas,² 1998

Occupation ³	Columbus, OH	Denver- Boulder- Greeley, CO	Detroit- Ann Arbor- Flint, MI	San Francisco- Oakland- San Jose, CA
ALL	\$15.42	\$16.99	\$18.55	\$20.72
All excluding sales	15.67	17.12	18.69	21.06
WHITE COLLAR	17.57	19.58	21.89	24.51
White collar excluding sales	18.24	20.19	22.58	25.48
Professional specialty and technical	21.70	24.70	26.02	29.95
Professional specialty	23.87	26.27	28.23	31.70
Engineers, architects, and surveyors	27.36	29.63	29.10	33.44
Civil engineers	23.76	30.91	—	35.69
Electrical and electronic engineers	28.40	29.14	—	33.84
Industrial engineers	—	21.91	27.69	30.58
Mechanical engineers	22.58	30.00	27.48	30.64
Engineers, n.e.c.	31.12	30.98	30.39	33.35
Mathematical and computer scientists	23.53	27.27	26.00	35.94
Computer systems analysts and scientists	23.72	29.13	25.63	35.89
Operations and systems researchers and analysts	23.06	18.05	26.86	—
Natural scientists	22.99	34.93	20.15	29.19
Chemists, except biochemists	26.65	—	—	—
Geologists and geodesists	—	36.23	—	—
Physical scientists, n.e.c.	—	—	—	29.54
Biological and life scientists	—	37.66	—	—
Health related	19.33	20.96	22.92	27.76
Physicians	—	—	29.08	26.82
Registered nurses	19.33	19.27	21.84	28.57
Pharmacists	26.18	27.02	27.74	—
Dietitians	—	—	15.73	18.89
Respiratory therapists	—	17.43	—	—
Physical therapists	—	—	26.84	—
Teachers, college and university	29.23	34.23	37.84	36.79
Psychology teachers	—	—	—	27.75
Engineering teachers	—	—	63.03	—
Health specialties teachers	—	—	32.82	—
Business, commerce and marketing teachers	—	—	—	36.89
English teachers	—	—	—	36.75
Teachers, post secondary, subject not specified	—	—	46.76	—
Teachers, post secondary, n.e.c.	—	—	28.07	31.79
Teachers, except college and university	27.77	23.51	34.20	31.95
Prekindergarten and kindergarten	—	—	33.93	18.22
Elementary school teachers	28.69	25.95	35.18	34.45
Secondary school teachers	29.50	25.89	36.90	32.43
Teachers, special education	26.39	—	38.78	36.21
Teachers, n.e.c.	26.45	22.34	33.36	34.64
Substitute teachers	—	9.94	10.92	12.65
Vocational and educational counselors	—	17.60	21.52	25.01
Librarians, archivists, and curators	20.39	—	23.93	24.25
Librarians	20.39	—	23.93	24.25
Social scientists and urban planners	19.82	17.53	17.94	27.34
Economists	17.29	18.43	—	29.10
Psychologists	—	14.16	—	24.90
Social, recreation, and religious workers	22.53	15.47	22.04	19.37
Social workers	22.59	16.25	22.23	22.18
Recreation workers	—	13.36	—	—
Lawyers and judges	—	43.89	45.80	46.70
Lawyers	—	—	45.64	46.70
Writers, authors, entertainers, athletes, and professionals, n.e.c.	22.04	25.80	30.97	27.03
Designers	—	—	—	26.07
Editors and reporters	25.41	27.53	—	—
Public relations specialists	—	19.47	—	—
Professional, n.e.c.	26.46	26.16	—	26.35
Technical	15.36	19.21	19.19	23.09
Clinical laboratory technologists and technicians	9.93	18.46	15.50	22.58

See footnotes at end of table.

TABLE 20. Mean hourly earnings¹ for selected occupations, all workers, all industries, selected areas,² 1998—Continued

Occupation ³	Columbus, OH	Denver- Boulder- Greeley, CO	Detroit- Ann Arbor- Flint, MI	San Francisco- Oakland- San Jose, CA
WHITE COLLAR—Continued				
Professional specialty and technical—Continued				
Technical—Continued				
Health record technologists and technicians	—	—	\$14.04	\$15.62
Radiological technicians	—	\$16.47	17.30	23.51
Licensed practical nurses	\$14.02	13.22	14.63	17.50
Health technologists and technicians, n.e.c.	10.89	10.87	12.97	17.94
Electrical and electronic technicians	—	18.29	20.21	20.75
Mechanical engineering technicians	—	—	22.19	—
Engineering technicians, n.e.c.	—	20.50	—	20.46
Drafters	—	21.58	21.28	28.34
Biological technicians	—	15.02	—	—
Chemical technicians	—	15.93	18.68	—
Airplane pilots and navigators	—	—	—	121.54
Computer programmers	—	26.86	28.21	29.58
Legal assistants	—	—	—	20.25
Technical and related, n.e.c.	19.21	17.92	19.28	19.72
Executive, administrative, and managerial	26.54	26.57	28.75	33.47
Executives, administrators, and managers	31.74	30.44	34.14	39.67
Administrators and officials, public administration	20.43	28.56	29.84	31.00
Financial managers	32.03	24.69	37.95	36.45
Personnel and labor relations managers	—	27.93	—	33.37
Managers, marketing, advertising and public relations	33.44	27.98	40.38	41.16
Administrators, education and related fields	33.74	33.35	36.90	33.80
Managers, medicine and health	30.19	—	28.20	33.91
Managers, food servicing and lodging establishments	20.44	—	—	—
Managers, service organizations, n.e.c.	19.88	25.34	—	21.94
Managers and administrators, n.e.c.	34.41	34.24	36.43	45.22
Management related	21.31	20.64	23.26	25.37
Accountants and auditors	20.88	19.45	21.37	23.99
Underwriters	—	23.05	—	—
Other financial officers	22.11	23.35	31.03	26.50
Management analysts	—	27.83	—	29.67
Personnel, training, and labor relations specialists	19.60	19.26	24.07	30.49
Purchasing agents and buyers, n.e.c.	22.11	23.94	26.76	26.37
Construction inspectors	—	—	21.35	27.62
Inspectors and compliance officers, except construction	—	15.61	—	22.64
Management related, n.e.c.	25.24	20.37	24.08	23.74
Sales	11.91	15.68	16.28	15.42
Supervisors, sales	14.08	24.35	18.56	20.03
Real estate sales	—	19.73	—	—
Securities and financial services sales	—	—	—	16.55
Advertising and related sales	26.05	—	21.17	26.35
Sales, other business services	—	16.24	21.23	15.00
Sales representatives, mining, manufacturing, and wholesale	30.05	20.87	23.84	31.19
Sales workers, motor vehicles and boats	—	—	25.76	—
Sales workers, apparel	7.41	—	—	9.89
Sales workers, furniture & home furnishings	—	6.87	13.23	9.08
Sales workers, other commodities	8.36	—	10.98	10.28
Sales counter clerks	—	—	8.51	—
Cashiers	6.69	8.89	8.06	10.59
Sales support, n.e.c.	—	10.67	—	16.46
Administrative support, including clerical	11.74	12.05	13.07	14.65
Supervisors, general office	14.36	15.73	18.08	19.98

See footnotes at end of table.

TABLE 20. Mean hourly earnings¹ for selected occupations, all workers, all industries, selected areas,² 1998—Continued

Occupation ³	Columbus, OH	Denver- Boulder- Greeley, CO	Detroit- Ann Arbor- Flint, MI	San Francisco- Oakland- San Jose, CA
WHITE COLLAR—Continued				
Administrative support, including clerical—Continued				
Supervisors, financial records processing	—	\$17.24	\$18.34	\$23.62
Supervisors, distribution, scheduling, and adjusting clerks	—	—	—	19.05
Computer operators	—	15.75	15.95	18.20
Secretaries	\$14.02	13.69	14.43	17.06
Stenographers	—	—	13.16	19.51
Typists	12.33	11.93	9.71	14.23
Interviewers	—	11.08	10.21	—
Hotel clerks	—	—	—	10.11
Transportation ticket and reservation agents	—	—	—	14.25
Receptionists	8.34	9.28	9.19	10.66
Information clerks, n.e.c.	9.28	10.39	—	14.88
Correspondence clerks	—	11.48	—	—
Order clerks	11.98	11.38	12.16	13.52
Personnel clerks except payroll & timekeeping ...	—	11.52	14.01	18.46
Library clerks	10.60	10.61	10.99	13.95
File clerks	—	9.48	—	10.49
Records clerks, n.e.c.	12.26	11.98	10.82	13.07
Bookkeepers, accounting and auditing clerks	12.07	12.09	11.47	14.86
Payroll and timekeeping clerks	—	—	12.43	—
Billing clerks	9.95	—	10.92	15.06
Cost and rate clerks	—	12.52	—	—
Telephone operators	—	—	11.28	—
Dispatchers	—	—	—	18.56
Production coordinators	13.26	14.08	19.28	15.72
Traffic, shipping and receiving clerks	10.39	10.13	11.99	14.31
Stock and inventory clerks	10.11	12.75	10.64	12.31
Expeditors	—	11.12	—	—
Material recording, scheduling, and distribution clerks, n.e.c.	11.33	10.16	14.25	16.76
Insurance adjusters, examiners, & investigators ..	13.86	14.23	13.63	15.99
Investigators and adjusters except insurance	—	12.73	13.88	14.17
Eligibility clerks, social welfare	—	—	—	18.00
Bill and account collectors	10.71	—	12.14	15.61
General office clerks	10.08	11.47	11.98	13.81
Bank tellers	—	—	9.81	9.52
Data entry keyers	9.03	8.92	8.59	12.34
Teachers' aides	9.16	8.18	10.80	11.99
Administrative support, n.e.c.	11.53	10.76	13.88	15.24
BLUE COLLAR	12.77	13.19	16.35	15.19
Precision production, craft, and repair	15.52	15.99	20.41	18.72
Supervisors, mechanics and repairers	—	20.25	22.22	24.55
Automobile mechanics	—	—	18.54	22.22
Bus, truck, and stationary engine mechanics	—	16.03	15.65	19.22
Heavy equipment mechanics	—	—	20.32	—
Industrial machinery repairers	16.97	17.85	20.28	20.91
Machinery maintenance	—	14.66	—	—
Electronic repairers, communications and industrial equipment	16.00	—	—	17.53
Millwrights	—	—	22.77	—
Mechanics and repairers, n.e.c.	16.99	14.81	19.86	20.01
Supervisors, construction trades, n.e.c.	15.90	—	24.95	—
Carpenters	14.83	—	21.65	—
Electricians	—	19.23	23.14	23.87
Plumbers, pipefitters and steamfitters	—	—	23.65	—
Construction trades, n.e.c.	17.53	—	15.69	19.15
Supervisors, production	18.85	14.77	20.06	22.65
Tool and die makers	—	—	22.57	—

See footnotes at end of table.

TABLE 20. Mean hourly earnings¹ for selected occupations, all workers, all industries, selected areas,² 1998—Continued

Occupation ³	Columbus, OH	Denver- Boulder- Greeley, CO	Detroit- Ann Arbor- Flint, MI	San Francisco- Oakland- San Jose, CA
BLUE COLLAR—Continued				
Precision production, craft, and repair—Continued				
Tool and die maker apprentices	—	—	\$15.85	—
Machinists	—	\$16.99	20.38	\$21.78
Precision grinders, filers, and tool sharpeners	—	—	21.75	—
Patternmakers, layout workers, and cutters	—	—	24.30	—
Electrical and electronic equipment assemblers ..	—	9.91	—	10.07
Butchers and meat cutters	—	11.24	14.66	—
Inspectors, testers, and graders	—	16.73	19.88	15.18
Stationary engineers	—	—	19.36	24.68
Machine operators, assemblers, and inspectors	\$12.08	10.93	15.33	12.28
Lathe and turning machine operators	—	—	14.72	—
Punching and stamping press operators	12.56	—	16.04	—
Grinding, abrading, buffing, and polishing machine operators	—	—	11.90	—
Fabricating machine operators, n.e.c.	12.34	—	20.27	—
Printing press operators	—	16.59	—	—
Textile sewing machine operators	—	—	11.86	—
Laundering and dry cleaning machine operators	—	—	7.63	—
Packaging and filling machine operators	12.33	—	10.62	—
Mixing and blending machine operators	—	14.04	—	—
Miscellaneous machine operators, n.e.c.	12.93	10.31	12.35	12.17
Welders and cutters	12.58	12.72	16.13	—
Assemblers	10.66	8.83	16.48	11.53
Production inspectors, checkers and examiners ..	10.74	11.73	15.18	11.20
Transportation and material moving	13.45	13.99	15.36	15.79
Truck drivers	11.76	15.09	14.44	15.63
Bus drivers	14.72	11.90	12.17	14.94
Motor transportation, n.e.c.	—	6.35	—	—
Crane and tower operators	—	—	15.28	—
Industrial truck and tractor equipment operators ..	12.63	11.88	15.56	15.56
Miscellaneous material moving equipment operators, n.e.c.	—	14.79	—	—
Handlers, equipment cleaners, helpers, and laborers	10.11	10.38	10.57	10.85
Groundskeepers and gardeners except farm	—	12.45	12.90	15.74
Construction laborers	13.19	10.91	—	—
Production helpers	11.40	9.37	—	—
Stock handlers and baggers	9.46	8.94	9.32	9.27
Freight, stock, and material handlers, n.e.c.	11.40	12.59	11.19	13.07
Vehicle washers and equipment cleaners	—	9.39	10.30	6.64
Hand packers and packagers	—	9.21	9.70	7.83
Laborers except construction, n.e.c.	9.31	9.58	12.68	14.30
SERVICE	9.79	10.10	9.81	12.66
Protective service	14.47	19.81	13.27	16.96
Supervisors, guards	—	—	—	14.70
Firefighting	—	—	15.96	22.49
Police and detectives, public service	—	22.33	19.01	27.92
Sheriffs, bailiffs, and other law enforcement officers	—	—	—	21.99
Correctional institution officers	—	—	15.65	20.58
Crossing guards	—	—	6.85	—
Guards and police except public service	7.39	12.82	7.28	8.85
Protective service, n.e.c.	—	—	14.87	—
Food service	5.84	7.03	6.84	8.73
Supervisors, food preparation and service	—	15.26	—	11.94
Bartenders	5.24	5.07	7.57	—
Waiters and waitresses	2.61	3.59	4.00	6.39

See footnotes at end of table.

TABLE 20. Mean hourly earnings¹ for selected occupations, all workers, all industries, selected areas,² 1998—Continued

Occupation ³	Columbus, OH	Denver- Boulder- Greeley, CO	Detroit- Ann Arbor- Flint, MI	San Francisco- Oakland- San Jose, CA
SERVICE—Continued				
Food service—Continued				
Cooks	\$8.52	\$8.30	\$9.00	\$13.72
Food counter, fountain, and related	—	—	5.72	—
Kitchen workers, food preparation	8.81	8.94	—	8.55
Waiters'/Waitresses' assistants	5.19	3.76	—	8.32
Food preparation, n.e.c.	7.47	6.40	6.36	7.57
Health service	8.46	9.19	8.71	11.69
Health aides, except nursing	9.21	9.34	10.48	14.08
Nursing aides, orderlies and attendants	8.37	8.96	8.28	10.84
Cleaning and building service	9.51	8.80	11.27	11.38
Supervisors, cleaning & building service workers	—	11.99	11.81	23.86
Maids and housemen	—	6.78	6.91	9.61
Janitors and cleaners	9.62	8.79	11.82	11.22
Personal service	8.47	9.29	8.20	12.58
Attendants, amusement and recreation facilities	—	—	—	8.70
Baggage porters and bellhops	—	—	—	8.03
Welfare service aides	—	—	—	6.52
Early childhood teachers' assistants	—	6.68	7.47	9.71
Child care workers, n.e.c.	9.78	7.09	9.34	12.96
Service, n.e.c.	7.18	8.57	8.51	10.54

¹ Earnings are the straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, hazard pay, deferred income payments, and deadhead pay. Excluded are shift differentials, premium pay for overtime, vacations, and holidays, non-production bonuses, uniform and tool allowances, room and board, third party payments, on-call pay, and tips. The mean is computed by totaling the pay of all workers weighted by hours and dividing by the number of workers.

² The average payroll month for Columbus, OH, was March 1998; Denver-Boulder-Greeley, CO, was May 1998;

Detroit-Ann Arbor-Flint, MI, was March 1998, and San Francisco-Oakland-San Jose, CA, was June 1998.

³ A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. Individual occupations are classified into one of nine major occupational groups.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria. Overall occupational groups may include data for categories not shown separately. n.e.c. means "not elsewhere classified."

Table 21. Average weekly pay,¹ executive, administrative, and professional specialty occupations, United States, June 1996

Occupation and level ²	All industries ³	Industry		Region ⁴			
		Private	State and local government	Northeast	South	Midwest	West
Accountants							
1	\$523	\$520	\$535	\$539	\$504	\$510	\$573
2	626	627	621	639	600	624	659
3	811	819	774	815	792	794	848
4	1,041	1,055	968	1,067	1,027	1,024	1,053
5	1,375	1,396	1,183	1,418	1,374	1,362	1,349
6	1,734	1,763	-	1,679	1,764	1,819	1,624
Engineers							
1	675	677	658	671	649	691	702
2	805	808	785	794	793	808	826
3	959	960	957	960	940	952	995
4	1,167	1,173	1,107	1,161	1,162	1,160	1,183
5	1,411	1,420	1,276	1,387	1,408	1,410	1,434
6	1,659	1,676	1,367	1,635	1,686	1,609	1,676
7	1,962	1,970	-	1,963	1,873	1,967	2,020
8	2,343	2,346	-	2,253	-	-	2,303
Personnel specialists							
1	515	540	530	535	497	510	588
2	611	608	630	631	592	611	631
3	804	801	819	815	775	794	845
4	1,045	1,052	1,003	1,071	1,015	1,039	1,072
5	1,362	1,378	1,183	1,384	1,299	1,382	1,389
6	1,784	1,787	-	-	-	1,822	-
Systems Analysts							
1	779	784	755	773	732	799	806
2	940	945	921	954	906	948	962
3	1,111	1,120	1,026	1,115	1,080	1,119	1,143
4	1,321	1,325	-	1,329	1,303	1,325	1,340
5	1,527	1,527	-	-	-	-	-

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. Also excluded are performance bonuses and lump-sum payments of the type in the automobile manufacturing and aerospace industries, as well as profit-sharing payments, attendance bonuses, Christmas or yearend bonuses, and other nonproduction bonuses. Pay increases, but not bonuses, under cost-of-living clauses, and incentive payments, however, are included.

² See *Occupational Compensation Survey, National Summary, 1996* (Bureau of Labor Statistics, Bulletin 2497, March 1998), for occupational definitions and survey methods. These bulletins are available from the bookstores of the U.S. Government Printing Office and the Bureau of Labor Statistics, Publication Sales Center, P.O. Box 2145, Chicago, IL 60690-2145.

³ All industries estimates may include data for industries not shown separately.

⁴ The regions are defined as follows: **Northeast**—Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont; **South**—Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia; **Midwest**—Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin; **West**—Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 22. Average weekly pay,¹ technical and administrative support occupations, United States, June 1996

Occupation and level ²	All industries ³	Industry		Region ⁴			
		Private	State and local government	Northeast	South	Midwest	West
Computer programmers							
1	\$543	\$548	\$509	\$549	\$553	\$534	\$525
2	639	644	608	657	626	637	656
3	788	793	760	832	769	770	812
4	945	945	940	939	944	918	1,000
5	1,095	1,096	-	-	-	-	-
Secretaries							
1	385	395	371	416	371	399	389
2	476	487	459	500	440	471	529
3	557	564	536	584	522	555	580
4	665	674	631	691	621	643	680
5	809	815	751	825	754	821	812

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. Also excluded are performance bonuses and lump-sum payments of the type in the automobile manufacturing and aerospace industries, as well as profit-sharing payments, attendance bonuses, Christmas or yearend bonuses, and other nonproduction bonuses. Pay increases, but not bonuses, under cost-of-living clauses, and incentive payments, however, are included.

² See *Occupational Compensation Survey, National Summary, 1996* (Bureau of Labor Statistics, Bulletin 2497, March 1998), for occupational definitions and survey methods. These bulletins are available from the bookstores of the U.S. Government Printing Office and the Bureau of Labor Statistics, Publication Sales Center, P.O. Box 2145, Chicago, IL 60690-2145.

³ All industries estimates may include data for industries not shown separately.

⁴ The regions are defined as follows: **Northeast**—Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont; **South**—Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia; **Midwest**—Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin; **West**—Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 23. Average hourly pay,¹ service, maintenance, transportation, and material movement occupations, United States, June 1996

Occupation and level ²	All industries ³	Industry		Region ⁴			
		Private	State and local government	Northeast	South	Midwest	West
Guards							
1	\$7.11	\$6.99	\$10.02	\$7.79	\$6.78	\$6.99	\$6.99
2	12.14	12.04	12.67	13.73	11.67	11.54	12.44
Janitors	7.97	7.30	9.65	9.88	6.43	8.25	8.03
Maintenance electricians	18.74	18.79	18.44	19.01	16.63	19.84	19.36
Maintenance motor vehicle mechanics	15.91	16.07	15.60	16.61	14.14	16.26	17.72
Material handling laborers	8.85	8.85	8.65	10.22	7.52	10.81	7.67
Truckdrivers							
Light truck	8.53	8.44	9.89	10.66	7.92	8.82	7.86
Medium truck	14.81	14.93	12.15	15.75	13.36	15.72	14.77
Heavy truck	13.38	13.29	13.94	15.36	10.78	13.55	14.30
Tractor trailer	14.24	14.22	16.84	15.54	12.28	15.07	15.16

¹ Excludes premium pay for overtime and for work on weekends, holidays, and late shifts. Also excluded are performance bonuses and lump-sum payments of the type in the automobile manufacturing and aerospace industries, as well as profit-sharing payments, attendance bonuses, Christmas or yearend bonuses, and other nonproduction bonuses. Pay increases, but not bonuses, under cost-of-living clauses, and incentive payments, however, are included.

² See *Occupational Compensation Survey, National Summary, 1996* (Bureau of Labor Statistics, Bulletin 2497, March 1998), for occupational definitions and survey methods. These bulletins are available from the bookstores of the U.S. Government Printing Office and the Bureau of Labor Statistics, Publication Sales Center, P.O. Box 2145, Chicago, IL 60690-2145.

³ All industries estimates may include data for industries not shown separately.

⁴ The regions are defined as follows: **Northeast**—Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont; **South**—Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia; **Midwest**—Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin; **West**—Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

NOTE: Dashes indicate that no data were reported or that data did not meet publication criteria.

Table 24. Average hourly earnings of production workers on private nonfarm payrolls by major industry division, annual averages, 1947-98

(Incurrent dollars)

Year	Total private	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance and real estate	Services
1947	\$1.13	\$1.46	\$1.54	\$1.21	—	\$1.21	\$0.83	\$1.14	—
1948	1.22	1.66	1.71	1.32	—	1.30	.90	1.20	—
1949	1.27	1.71	1.79	1.37	—	1.35	.95	1.26	—
1950	1.33	1.77	1.86	1.43	—	1.35	.98	1.26	—
1951	1.45	1.93	2.02	1.56	—	1.52	1.06	1.45	—
1952	1.52	2.01	2.13	1.64	—	1.61	1.09	1.51	—
1953	1.61	2.14	2.28	1.74	—	1.69	1.16	1.58	—
1954	1.65	2.14	2.38	1.78	—	1.76	1.20	1.65	—
1955	1.71	2.20	2.45	1.85	—	1.83	1.25	1.70	—
1956	1.80	2.33	2.57	1.95	—	1.93	1.30	1.78	—
1957	1.89	2.45	2.71	2.04	—	2.02	1.37	1.84	—
1958	1.95	2.47	2.82	2.10	—	2.09	1.42	1.89	—
1959	2.02	2.56	2.93	2.19	—	2.18	1.47	1.95	—
1960	2.09	2.60	3.07	2.26	—	2.24	1.52	2.02	—
1961	2.14	2.64	3.20	2.32	—	2.31	1.56	2.09	—
1962	2.22	2.70	3.31	2.39	—	2.37	1.63	2.17	—
1963	2.28	2.75	3.41	2.45	—	2.45	1.68	2.25	—
1964	2.36	2.81	3.55	2.53	\$2.89	2.52	1.75	2.30	\$1.94
1965	2.46	2.92	3.70	2.61	3.03	2.60	1.82	2.39	2.05
1966	2.56	3.05	3.89	2.71	3.11	2.73	1.91	2.47	2.17
1967	2.68	3.19	4.11	2.82	3.23	2.87	2.01	2.58	2.29
1968	2.85	3.35	4.41	3.01	3.42	3.04	2.16	2.75	2.42
1969	3.04	3.60	4.79	3.19	3.63	3.23	2.30	2.93	2.61
1970	3.23	3.85	5.24	3.35	3.85	3.43	2.44	3.07	2.81
1971	3.45	4.06	5.69	3.57	4.21	3.64	2.60	3.22	3.04
1972	3.70	4.44	6.06	3.82	4.65	3.85	2.75	3.36	3.27
1973	3.94	4.75	6.41	4.09	5.02	4.07	2.91	3.53	3.47
1974	4.24	5.23	6.81	4.42	5.41	4.38	3.14	3.77	3.75
1975	4.53	5.95	7.31	4.83	5.88	4.72	3.36	4.06	4.02
1976	4.86	6.46	7.71	5.22	6.45	5.02	3.57	4.27	4.31
1977	5.25	6.94	8.10	5.68	6.99	5.39	3.85	4.54	4.65
1978	5.69	7.67	8.66	6.17	7.57	5.88	4.20	4.89	4.99
1979	6.16	8.49	9.27	6.70	8.16	6.39	4.53	5.27	5.36
1980	6.66	9.17	9.94	7.27	8.87	6.95	4.88	5.79	5.85
1981	7.25	10.04	10.82	7.99	9.70	7.55	5.25	6.31	6.41
1982	7.68	10.77	11.63	8.49	10.32	8.08	5.48	6.78	6.92
1983	8.02	11.28	11.94	8.83	10.79	8.54	5.74	7.29	7.31
1984	8.32	11.63	12.13	9.19	11.12	8.88	5.85	7.63	7.59
1985	8.57	11.98	12.32	9.54	11.40	9.15	5.94	7.94	7.90
1986	8.76	12.46	12.48	9.73	11.70	9.34	6.03	8.36	8.18
1987	8.98	12.54	12.71	9.91	12.03	9.59	6.12	8.73	8.49
1988	9.28	12.80	13.08	10.19	12.24	9.98	6.31	9.06	8.88
1989	9.66	13.26	13.54	10.48	12.57	10.39	6.53	9.53	9.38
1990	10.01	13.68	13.77	10.83	12.92	10.79	6.75	9.97	9.83
1991	10.32	14.19	14.00	11.18	13.20	11.15	6.94	10.39	10.23
1992	10.57	14.54	14.15	11.46	13.43	11.39	7.12	10.82	10.54
1993	10.83	14.60	14.38	11.74	13.55	11.74	7.29	11.35	10.78
1994	11.12	14.88	14.73	12.07	13.78	12.06	7.49	11.83	11.04
1995	11.43	15.30	15.09	12.37	14.13	12.43	7.69	12.32	11.39
1996	11.82	15.62	15.47	12.77	14.45	12.87	7.99	12.80	11.79
1997	12.28	16.15	16.04	13.17	14.92	13.45	8.33	13.34	12.28
1998	12.78	16.90	16.59	13.49	15.31	14.06	8.73	14.06	12.85

Dash indicates data not available.

NOTE: Current estimates are projected from March 1998 benchmark levels.

Table 25. Productivity and related data, business and nonfarm business sectors, 1947-98
(Index, 1992=100)

Year	Output per hour of all persons		Output ¹		Hours of all persons ²		Compensation per hour ³		Real compensation per hour ⁴		Unit labor costs		Implicit price deflator ⁵	
	Business sector	Non-farm business sector	Business sector	Non-farm business sector	Business sector	Non-farm business sector	Business sector	Non-farm business sector	Business sector	Non-farm business sector	Business sector	Non-farm business sector	Business sector	Non-farm business sector
1947..	33.7	39.0	21.9	21.5	65.0	55.3	6.8	7.3	42.8	45.9	20.2	18.7	19.6	18.3
1948..	35.2	39.9	23.1	22.5	65.5	56.2	7.4	7.9	43.0	46.1	21.0	19.8	20.8	19.6
1949..	36.0	41.3	22.8	22.3	63.4	54.0	7.5	8.2	44.2	48.1	20.8	19.8	20.6	19.7
1950..	39.1	44.2	25.1	24.6	64.1	55.6	8.0	8.7	46.8	50.5	20.6	19.6	20.8	20.0
1951..	40.3	45.3	26.7	26.4	66.2	58.3	8.8	9.4	47.5	50.8	21.9	20.8	22.4	21.3
1952..	41.4	46.1	27.5	27.2	66.3	58.9	9.4	9.9	49.6	52.7	22.6	21.6	22.7	21.7
1953..	43.0	47.2	28.8	28.4	67.0	60.3	10.0	10.5	52.4	55.3	23.2	22.3	22.9	22.1
1954..	43.9	48.1	28.4	28.0	64.7	58.2	10.3	10.9	53.8	56.7	23.5	22.6	23.1	22.4
1955..	45.8	50.1	30.7	30.3	67.1	60.5	10.6	11.3	55.4	59.0	23.1	22.5	23.4	22.8
1956..	45.8	49.7	31.2	30.8	68.1	62.0	11.3	12.0	58.2	61.7	24.6	24.1	24.1	23.6
1957..	47.2	50.9	31.7	31.4	67.1	61.6	12.0	12.7	60.0	63.2	25.5	24.9	24.9	24.4
1958..	48.5	52.0	31.0	30.7	64.0	59.0	12.6	13.2	61.0	63.9	25.9	25.3	25.4	24.8
1959..	50.5	54.2	33.7	33.5	66.7	61.7	13.1	13.7	63.1	66.0	25.9	25.3	25.6	25.0
1960..	51.4	54.8	34.3	34.0	66.7	62.0	13.7	14.3	64.7	67.8	26.6	26.1	25.8	25.3
1961..	53.2	56.6	34.9	34.7	65.6	61.3	14.2	14.8	66.6	69.4	26.7	26.1	26.1	25.6
1962..	55.7	59.2	37.2	37.0	66.8	62.6	14.8	15.4	68.9	71.5	26.6	26.0	26.3	25.8
1963..	57.9	61.2	38.9	38.7	67.2	63.3	15.4	15.9	70.6	73.0	26.6	26.0	26.5	26.0
1964..	60.6	63.8	41.4	41.3	68.3	64.8	16.2	16.7	73.3	75.4	26.7	26.1	26.8	26.3
1965..	62.7	65.8	44.2	44.2	70.6	67.3	16.8	17.2	74.8	76.7	26.8	26.2	27.2	26.7
1966..	65.2	68.0	47.2	47.4	72.5	69.7	17.9	18.2	77.6	78.9	27.5	26.8	27.9	27.3
1967..	66.6	69.2	48.1	48.2	72.3	69.7	18.9	19.3	79.5	81.0	28.4	27.8	28.7	28.2
1968..	68.9	71.6	50.5	50.7	73.3	70.9	20.5	20.8	82.5	83.8	29.7	29.0	29.8	29.3
1969..	69.2	71.7	52.0	52.3	75.2	72.9	21.9	22.2	83.8	84.9	31.7	31.0	31.1	30.5
1970..	70.6	72.7	52.0	52.1	73.6	71.8	23.6	23.8	85.4	86.1	33.5	32.8	32.4	31.9
1971..	73.6	75.7	54.0	54.1	73.3	71.5	25.1	25.4	87.1	87.9	34.2	33.5	33.9	33.3
1972..	76.0	78.3	57.6	57.8	75.7	73.9	26.7	27.0	89.6	90.6	35.1	34.5	35.0	34.3
1973..	78.4	80.7	61.6	62.0	78.5	76.9	29.0	29.2	91.6	92.3	37.0	36.2	36.8	35.5
1974..	77.1	79.4	60.6	61.1	78.6	76.9	31.8	32.1	90.6	91.3	41.3	40.4	40.3	39.1
1975..	79.8	81.6	60.0	60.0	75.2	73.6	35.1	35.3	91.5	92.2	44.0	43.3	44.2	43.2
1976..	82.5	84.5	64.0	64.3	77.5	76.1	38.2	38.4	94.1	94.7	46.2	45.4	46.5	45.6
1977..	84.0	85.8	67.6	67.9	80.6	79.1	41.2	41.5	95.3	96.0	49.0	48.3	49.4	48.6
1978..	84.9	87.0	71.7	72.3	84.5	83.1	44.9	45.2	96.5	97.3	52.8	52.0	53.0	51.9
1979..	84.5	86.3	73.9	74.3	87.4	86.1	49.2	49.5	95.0	95.7	58.2	57.4	57.6	56.4
1980..	84.2	86.0	73.0	73.4	86.6	85.4	54.5	54.8	92.8	93.4	64.7	63.8	62.8	61.9
1981..	85.8	87.0	74.8	74.8	87.2	86.0	59.6	60.2	92.1	92.8	69.6	69.2	68.7	67.9
1982..	85.3	86.3	72.5	72.4	85.0	83.9	64.1	64.6	93.2	93.9	75.1	74.8	72.7	72.2
1983..	88.0	89.9	76.1	76.8	86.4	85.4	66.8	67.3	94.0	94.8	75.8	74.9	75.4	74.7
1984..	90.2	91.4	82.5	82.8	91.5	90.6	69.7	70.2	94.1	94.8	77.2	76.8	77.7	77.0
1985..	91.7	92.3	85.7	85.8	93.5	92.9	73.1	73.4	95.3	95.7	79.7	79.5	80.0	79.6
1986..	94.1	94.7	88.5	88.7	94.1	93.6	76.8	77.2	98.4	98.8	81.7	81.5	81.7	81.4
1987..	94.0	94.5	91.1	91.3	96.9	96.6	79.8	80.1	98.6	98.9	84.9	84.7	83.8	83.6
1988..	94.7	95.3	94.6	95.1	99.9	99.8	83.6	83.7	99.1	99.3	88.3	87.8	86.8	86.4
1989..	95.5	95.8	97.8	98.1	102.4	102.4	85.9	86.0	97.2	97.3	90.0	89.7	90.4	90.0
1990..	96.1	96.3	98.6	98.8	102.6	102.6	90.8	90.7	97.4	97.3	94.4	94.2	94.1	93.8
1991..	96.7	97.0	96.9	97.1	100.2	100.1	95.1	95.1	98.0	98.0	98.3	98.1	97.7	97.6
1992..	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1993..	100.1	100.1	102.7	103.0	102.6	102.9	102.5	102.2	99.5	99.3	102.4	102.2	102.5	102.5
1994..	100.7	100.6	107.0	107.0	106.2	106.3	104.4	104.2	98.8	98.7	103.7	103.6	104.8	104.9
1995..	101.0	101.2	109.9	110.2	108.8	108.9	106.8	106.7	98.4	98.2	105.8	105.4	106.9	107.0
1996..	103.7	103.7	114.5	114.8	110.4	110.7	110.7	110.4	99.0	98.7	106.8	106.5	108.6	108.5
1997..	105.2	104.9	119.8	119.9	113.8	114.3	114.7	114.3	100.3	99.9	109.0	108.9	110.4	110.6
1998..	107.7	107.2	125.3	125.5	116.3	117.0	119.7	119.1	103.0	102.5	111.1	111.1	111.0	111.4

¹Output is an annual-weighted index of real gross domestic product of the sector.

²Hours at work of all persons engaged in the sector, including hours of proprietors and unpaid family workers. Estimates based primarily on establishment data.

³Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of wages, salaries, and supplemental payments for the self-employed.

⁴Hourly compensation divided by the Consumer Price Index for All Urban Consumers.

⁵Current dollar gross domestic product divided by the index of real gross domestic product.

Table 26. Changes in productivity and related data, business and nonfarm business sectors, 1948-98

(Percent change from previous year)

Year	Output per hour of all persons		Output ¹		Hours of all persons ²		Compensation per hour ³		Real compensation per hour ⁴		Unit labor cost		Implicit price deflator ⁵	
	Business sector	Non-farm business sector	Business sector	Non-farm business sector	Business sector	Non-farm business sector	Business sector	Non-farm business sector	Business sector	Non-farm business sector	Business sector	Non-farm business sector	Business sector	Non-farm business sector
1948..	4.4	2.5	5.3	4.2	0.8	1.7	8.5	8.6	0.4	0.5	3.9	6.0	6.2	6.9
1949..	2.1	3.4	-1.2	-0.7	-3.3	-4.0	1.5	3.0	2.8	4.3	-0.6	-0.3	-0.7	0.8
1950..	8.7	7.0	10.0	10.3	1.2	3.1	7.3	6.2	6.0	4.8	-1.3	-0.8	1.0	1.1
1951..	3.1	2.4	6.4	7.3	3.2	4.8	9.6	8.7	1.6	0.7	6.3	6.1	7.6	6.6
1952..	2.8	1.9	3.0	2.9	0.1	1.0	6.3	5.6	4.3	3.6	3.3	3.7	1.2	2.0
1953..	3.7	2.3	4.9	4.8	1.1	2.4	6.6	5.7	5.8	4.9	2.7	3.3	0.8	2.1
1954..	2.2	2.0	-1.3	-1.6	-3.5	-3.5	3.3	3.3	2.6	2.6	1.1	1.3	0.7	1.1
1955..	4.2	4.1	8.0	8.3	3.7	4.0	2.6	3.8	3.0	4.1	-1.5	-0.4	1.2	1.8
1956..	0.1	-0.8	1.6	1.7	1.5	2.5	6.6	6.1	5.1	4.5	6.6	6.9	3.3	3.6
1957..	3.0	2.4	1.5	1.8	-1.4	-0.6	6.5	5.8	3.1	2.4	3.4	3.3	3.2	3.2
1958..	2.8	2.2	-1.9	-2.2	-4.6	-4.3	4.5	4.0	1.7	1.2	1.7	1.8	2.0	1.7
1959..	4.2	4.2	8.5	9.0	4.1	4.6	4.2	4.0	3.5	3.2	0.0	-0.2	0.6	1.1
1960..	1.7	1.2	1.8	1.6	0.1	0.5	4.3	4.4	2.6	2.7	2.5	3.2	1.1	1.1
1961..	3.5	3.1	1.9	1.9	-1.6	-1.2	4.0	3.4	2.9	2.4	0.4	0.3	0.9	0.9
1962..	4.7	4.6	6.5	6.9	1.7	2.1	4.5	4.1	3.5	3.0	-0.2	-0.5	0.9	0.8
1963..	3.9	3.4	4.5	4.5	0.6	1.1	3.7	3.5	2.3	2.2	-0.2	0.1	0.7	0.8
1964..	4.6	4.3	6.4	6.8	1.7	2.4	5.2	4.6	3.8	3.3	0.5	0.3	1.0	1.2
1965..	3.5	3.0	7.0	7.0	3.4	3.9	3.7	3.3	2.1	1.7	0.2	0.3	1.7	1.5
1966..	4.0	3.5	6.7	7.1	2.6	3.6	6.7	5.8	3.7	2.8	2.6	2.3	2.5	2.3
1967..	2.2	1.7	1.9	1.7	-0.3	0.0	5.7	5.8	2.5	2.7	3.4	4.0	2.9	3.3
1968..	3.4	3.4	4.9	5.2	1.4	1.7	8.2	7.9	3.8	3.5	4.6	4.3	3.9	3.9
1969..	0.4	0.1	3.0	3.0	2.5	2.9	7.0	6.8	1.5	1.3	6.6	6.7	4.3	4.2
1970..	2.0	1.4	-0.1	-0.2	-2.0	-1.6	7.8	7.2	1.9	1.4	5.7	5.7	4.4	4.5
1971..	4.3	4.1	3.8	3.8	-0.4	-0.3	6.4	6.5	1.9	2.0	2.0	2.3	4.5	4.5
1972..	3.3	3.4	6.7	6.9	3.3	3.4	6.3	6.4	3.0	3.1	2.9	2.9	3.3	2.9
1973..	3.2	3.1	7.0	7.3	3.7	4.0	8.6	8.2	2.2	1.9	5.2	4.9	5.2	3.6
1974..	-1.7	-1.6	-1.5	-1.5	0.1	0.1	9.7	9.9	-1.2	-1.1	11.6	11.6	9.4	10.0
1975..	3.5	2.7	-1.0	-1.7	-4.3	-4.3	10.3	10.1	1.0	0.9	6.6	7.2	9.5	10.6
1976..	3.4	3.6	6.7	7.1	3.1	3.4	8.8	8.6	2.9	2.7	5.2	4.9	5.4	5.6
1977..	1.7	1.6	5.7	5.7	3.9	4.0	7.9	8.0	1.3	1.4	6.0	6.3	6.1	6.4
1978..	1.1	1.3	6.1	6.4	4.9	5.0	8.9	9.1	1.3	1.4	7.7	7.6	7.3	6.9
1979..	-0.4	-0.8	2.9	2.8	3.4	3.6	9.7	9.5	-1.5	-1.7	10.1	10.3	8.6	8.6
1980..	-0.3	-0.4	-1.2	-1.2	-0.9	-0.8	10.8	10.8	-2.4	-2.4	11.1	11.2	9.1	9.8
1981..	1.8	1.1	2.5	1.9	0.7	0.7	9.5	9.7	-0.8	-0.6	7.6	8.5	9.3	9.6
1982..	-0.5	-0.8	-3.1	-3.2	-2.5	-2.5	7.5	7.4	1.2	1.1	8.0	8.2	5.9	6.4
1983..	3.2	4.2	4.9	6.1	1.7	1.9	4.2	4.2	0.9	1.0	0.9	0.1	3.7	3.4
1984..	2.5	1.7	8.5	7.9	5.8	6.0	4.4	4.2	0.0	-0.1	1.8	2.5	3.0	3.1
1985..	1.6	1.0	3.9	3.6	2.2	2.5	4.9	4.6	1.3	1.0	3.2	3.6	3.0	3.4
1986..	2.6	2.6	3.3	3.4	0.7	0.8	5.2	5.2	3.3	3.2	2.5	2.5	2.1	2.2
1987..	-0.1	-0.2	2.9	3.0	3.0	3.2	3.9	3.8	0.2	0.1	3.9	4.0	2.6	2.6
1988..	0.7	0.8	3.8	4.1	3.1	3.3	4.7	4.5	0.6	0.4	4.0	3.7	3.5	3.4
1989..	0.8	0.6	3.4	3.2	2.5	2.6	2.8	2.7	-1.9	-2.0	1.9	2.1	4.2	4.2
1990..	0.7	0.5	0.8	0.7	0.2	0.3	5.7	5.5	0.3	0.1	5.0	5.0	4.0	4.2
1991..	0.6	0.7	-1.7	-1.8	-2.3	-2.4	4.8	4.9	0.5	0.7	4.1	4.2	3.8	4.1
1992..	3.4	3.1	3.2	3.0	-0.2	-0.1	5.2	5.1	2.1	2.1	1.7	1.9	2.4	2.4
1993..	0.1	0.1	2.7	3.0	2.6	2.9	2.5	2.2	-0.5	-0.7	2.4	2.2	2.5	2.5
1994..	0.6	0.5	4.1	3.9	3.5	3.3	1.8	1.9	-0.7	-0.6	1.2	1.4	2.2	2.3
1995..	0.3	0.6	2.7	3.0	2.4	2.4	2.3	2.4	-0.5	-0.5	2.0	1.8	2.0	2.0
1996..	2.7	2.4	4.2	4.1	1.5	1.6	3.6	3.5	0.7	0.6	0.9	1.1	1.6	1.4
1997..	1.5	1.2	4.6	4.5	3.1	3.2	3.6	3.5	1.2	1.2	2.1	2.3	1.7	1.9
1998..	2.4	2.2	4.6	4.6	2.2	2.4	4.4	4.2	2.8	2.6	2.0	2.0	0.6	0.7

¹Output is an annual-weighted index of real gross domestic product of the sector.²Hours at work of all persons engaged in the sector, including hours of proprietors and unpaid family workers. Estimates based primarily on establishment data.³Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of wages, salaries, and supplemental payments for the self-employed.⁴Hourly compensation divided by the Consumer Price Index for All Urban Consumers.⁵Current dollar gross domestic product divided by the index of real gross domestic product.

NOTE: Percent changes are based on original data and therefore may differ slightly from percent changes based on indexes.

Table 27. Private business sector: Productivity and related measures, 1948-97¹

(Indexes 1992=100)

Year	Productivity			Output ³	Inputs			Capital per hour of all persons
	Output per hour of all persons	Output per unit of capital	Multifactor productivity ²		Labor input ⁴	Capital services ⁵	Combined units of labor and capital inputs ⁶	
1948	34.7	114.6	55.9	23.0	57.3	20.1	41.1	30.3
1949	35.9	111.6	56.6	23.0	55.4	20.6	40.6	32.2
1950	39.0	117.7	60.6	25.3	56.5	21.5	41.7	33.2
1955	45.6	121.6	67.1	30.8	60.2	25.3	45.9	37.5
1956	45.8	119.6	66.8	31.4	61.2	26.2	47.0	38.2
1957	47.2	118.1	67.8	31.9	60.5	27.0	47.0	40.0
1958	48.6	113.5	68.1	31.2	57.9	27.5	45.9	42.8
1959	50.0	118.7	70.3	33.4	60.3	28.2	47.5	42.1
1960	50.8	117.3	70.7	34.0	60.6	29.0	48.1	43.3
1961	52.7	116.9	72.1	34.7	60.0	29.7	48.1	45.0
1962	55.2	121.0	74.7	36.9	61.6	30.5	49.4	45.6
1963	57.3	122.3	76.8	38.6	62.1	31.6	50.2	46.9
1964	60.0	125.4	79.8	41.1	63.1	32.7	51.4	47.8
1965	62.1	128.1	82.3	43.9	65.2	34.3	53.4	48.5
1966	64.6	129.5	84.8	46.9	66.9	36.2	55.3	49.9
1967	66.0	124.7	85.0	47.8	66.8	38.3	56.2	53.0
1968	68.4	124.9	87.2	50.2	67.6	40.2	57.6	54.7
1969	68.7	122.6	86.7	51.7	69.5	42.2	59.6	56.0
1970	70.1	117.1	86.5	51.6	68.3	44.1	59.7	59.9
1971	73.1	116.7	89.2	53.6	67.8	45.9	60.1	62.7
1972	75.6	119.4	91.9	57.3	70.1	47.9	62.3	63.3
1973	78.0	121.2	94.5	61.3	72.6	50.6	64.9	64.4
1974	76.7	113.4	91.1	60.3	73.1	53.2	66.2	67.7
1975	79.4	108.4	92.0	59.7	69.9	55.1	64.9	73.3
1976	82.2	112.4	95.4	63.7	71.9	56.7	66.8	73.2
1977	83.6	114.6	97.1	67.4	74.8	58.8	69.4	72.9
1978	84.5	116.5	98.3	71.5	78.6	61.3	72.7	72.5
1979	84.1	114.1	97.5	73.6	81.0	64.4	75.4	73.7
1980	83.8	107.3	95.3	72.6	80.5	67.7	76.2	78.1
1981	85.4	104.9	95.3	74.5	81.6	71.0	78.1	81.4
1982	85.1	97.8	92.4	72.2	80.3	73.9	78.2	87.0
1983	87.7	99.8	94.7	75.8	82.1	76.0	80.1	87.9
1984	90.0	103.8	97.5	82.4	87.0	79.3	84.5	86.7
1985	91.6	103.3	98.3	85.6	89.1	82.9	87.1	88.7
1986	94.0	102.5	99.5	88.4	90.1	86.3	88.9	91.7
1987	94.0	102.3	99.3	91.1	93.0	89.1	91.8	91.9
1988	94.7	103.2	99.5	94.6	96.7	91.7	95.1	91.7
1989	95.5	103.8	100.0	97.8	99.6	94.2	97.8	92.0
1990	96.1	102.1	99.6	98.6	100.2	96.5	99.0	94.1
1991	96.7	98.6	98.1	96.9	99.0	98.3	98.7	98.1
1992	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1993	100.1	100.7	100.1	102.7	102.9	102.0	102.6	99.4
1994	100.6	102.3	100.6	107.0	107.1	104.6	106.3	98.3
1995	101.0	101.9	100.7	110.0	109.8	108.0	109.3	99.2
1996	103.7	102.3	102.4	114.7	112.0	112.2	112.1	101.4
1997	105.2	102.6	103.1	120.1	116.2	117.1	116.5	102.6

¹ The private business sector includes all of gross domestic product except the output of general government, government enterprises, non-profit institutions, the rental value of owner-occupied real estate and the output of paid employees of private households.

² Output per unit of combined labor and capital inputs.

³ Gross domestic product originating in the sector, superlative chained index.

⁴ Index of the hours at work of all persons including employees, proprietors, and unpaid family workers classified by education, work experience and gender. This superlative chain index is computed by combining changes in the hours of each education, experience and gender group weighted by its share of labor compensation.

⁵ A measure of the flow of capital services used in the sector.

⁶ Labor input combined with capital input, using labor's and capital's shares of costs as weights to form a superlative chain index.

Source: Output data are from the Bureau of Economic Analysis (BEA), U.S. Department of Commerce, and modified by the Bureau of Labor Statistics (BLS), U.S. Department of Labor. Compensation and hours data are from the BLS. Capital measures are based on data supplied by BEA and the U.S. Department of Agriculture.

Table 28. Productivity and related data, nonfinancial corporate sector, 1958-98

(Index, 1992=100, and percent change from previous year)

Year	Output per all-employee hour		Output ¹		Employee hours ²		Compensation per hour ³		Real compensation per hour ⁴		Unit labor costs		Implicit price deflator ⁵	
	Index	Change from previous year	Index	Change from previous year	Index	Change from previous year	Index	Change from previous year	Index	Change from previous year	Index	Change from previous year	Index	Change from previous year
1958...	50.9	—	25.0	—	49.2	—	14.4	—	70.1	—	28.4	—	29.2	—
1959...	53.5	5.1	27.9	11.5	52.1	6.1	15.0	3.8	72.2	3.1	28.0	-1.3	29.4	0.7
1960...	54.5	1.8	28.8	3.3	52.9	1.5	15.6	4.1	73.9	2.4	28.6	2.3	29.6	0.6
1961...	56.2	3.1	29.4	2.1	52.4	-1.0	16.1	3.3	75.6	2.3	28.7	0.2	29.7	0.5
1962...	58.6	4.3	31.9	8.4	54.4	3.9	16.7	3.9	77.8	2.9	28.6	-0.4	29.9	0.7
1963...	60.6	3.4	33.7	5.7	55.7	2.2	17.3	3.2	79.2	1.8	28.5	-0.2	30.1	0.7
1964...	63.1	4.1	36.1	7.0	57.2	2.9	18.0	4.4	81.6	3.1	28.6	0.4	30.4	0.9
1965...	64.6	2.3	39.1	8.2	60.5	5.8	18.5	2.8	82.6	1.2	28.7	0.5	30.9	1.5
1966...	65.5	1.4	41.8	7.0	63.9	5.5	19.5	5.4	84.6	2.5	29.8	3.9	31.6	2.4
1967...	66.4	1.4	42.9	2.5	64.5	1.1	20.6	5.5	86.6	2.4	31.0	4.0	32.4	2.6
1968...	68.7	3.4	45.6	6.3	66.4	2.8	22.2	7.5	89.4	3.2	32.3	4.0	33.6	3.8
1969...	68.7	0.0	47.4	4.0	69.0	4.0	23.7	6.8	90.6	1.3	34.5	6.8	35.1	4.4
1970...	69.1	0.5	47.0	-0.9	68.0	-1.5	25.4	7.1	91.7	1.3	36.7	6.5	36.6	4.3
1971...	72.0	4.2	48.9	4.0	67.9	-0.1	27.0	6.3	93.4	1.9	37.5	2.1	38.0	3.8
1972...	73.9	2.6	52.7	7.9	71.4	5.1	28.5	5.8	95.8	2.5	38.6	3.1	39.2	2.9
1973...	74.5	0.8	55.8	5.8	74.9	5.0	30.8	7.8	97.2	1.5	41.3	6.9	41.5	5.9
1974...	72.7	-2.3	54.8	-1.8	75.3	0.5	33.7	9.5	95.9	-1.4	46.3	12.1	45.6	10.0
1975...	75.6	3.9	53.9	-1.5	71.3	-5.3	37.1	10.0	96.6	0.8	49.0	5.9	50.1	9.9
1976...	78.2	3.4	58.3	8.1	74.6	4.5	40.2	8.4	99.0	2.5	51.4	4.8	52.4	4.5
1977...	80.1	2.5	62.6	7.4	78.1	4.8	43.3	7.8	100.3	1.2	54.0	5.2	55.1	5.3
1978...	80.8	0.8	66.7	6.6	82.6	5.7	47.0	8.6	101.2	1.0	58.2	7.7	59.0	7.0
1979...	79.4	1.7	68.2	2.2	85.8	3.9	51.4	9.2	99.3	-1.9	64.7	11.1	64.3	9.0
1980...	80.4	1.1	68.3	0.3	85.1	-0.9	56.7	10.3	96.5	-2.8	70.5	9.1	69.7	8.4
1981...	82.9	3.1	71.5	4.6	86.2	1.4	61.9	9.2	95.5	-1.1	74.7	5.8	75.8	8.8
1982...	84.2	1.6	70.5	-1.4	83.7	-3.0	66.3	7.1	96.3	0.9	78.7	5.4	79.3	4.7
1983...	86.9	3.2	73.7	4.6	84.9	1.4	68.7	3.7	96.8	0.5	79.1	0.6	81.1	2.2
1984...	89.6	3.1	81.0	9.8	90.3	6.5	71.7	4.3	96.8	0.0	80.0	1.1	82.8	2.1
1985...	91.1	1.6	84.2	4.0	92.5	2.3	75.0	4.6	97.8	1.0	82.3	2.9	84.4	1.9
1986...	93.7	2.9	86.9	3.2	92.7	0.3	78.8	5.1	100.8	3.1	84.0	2.1	85.2	0.9
1987...	95.2	1.5	91.1	4.9	95.8	3.3	81.6	3.6	100.8	-0.1	85.7	2.0	87.1	2.2
1988...	96.9	1.8	95.9	5.3	99.1	3.4	84.9	4.1	100.7	-0.1	87.7	2.3	89.6	2.9
1989...	95.5	-1.4	97.5	1.6	102.0	3.0	87.1	2.5	98.5	-2.2	91.1	3.9	92.8	3.5
1990...	96.1	0.6	98.4	1.0	102.4	0.3	91.5	5.1	98.2	-0.3	95.2	4.4	96.1	3.5
1991...	97.6	1.5	97.1	-1.3	99.6	-2.7	95.7	4.5	98.5	0.3	98.0	3.0	98.8	2.9
1992...	100.0	2.5	100.0	3.0	100.0	0.5	100.0	4.5	100.0	1.5	100.0	2.0	100.0	1.2
1993...	101.1	1.1	103.4	3.4	102.3	2.3	102.0	2.0	99.1	-0.9	100.9	0.9	101.7	1.7
1994...	103.5	2.3	109.9	6.3	106.2	3.9	104.1	2.0	98.5	-0.6	100.6	-0.3	103.4	1.8
1995...	104.7	1.2	114.8	4.4	109.6	3.2	106.2	2.1	97.8	-0.8	101.4	0.9	104.7	1.2
1996...	107.6	2.8	120.0	4.5	111.5	1.7	109.5	3.1	97.9	0.2	101.7	0.3	105.6	0.9
1997...	110.3	2.5	127.3	6.1	115.4	3.6	113.3	3.5	99.0	1.1	102.7	1.0	106.3	0.6
1998...	113.6	3.0	134.5	5.6	118.4	2.6	118.0	4.1	101.6	2.5	103.8	1.1	106.1	-0.1

¹Output is an annual-weighted index of real gross domestic product originating in the sector.²Hours at work of all employees engaged in the sector. Estimates based primarily on establishment data.³Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans.⁴Hourly compensation divided by the Consumer Price Index for All Urban Consumers.⁵Current dollar gross domestic product divided by the index of real gross domestic product.

NOTE: Percent changes are based on original data and therefore may differ slightly from percent changes based on indexes.

Dash indicates data not available.

Table 29. Productivity and related data, manufacturing sector, 1949-98

(Index, 1992=100, and percent change from previous year)

Year	Output per hour of all persons		Output ¹		Hours of all persons ²		Compensation per hour ³		Real compensation per hour ⁴		Unit labor costs		Implicit price deflator ⁵	
	Index	Change from previ- ous year	Index	Change from previ- ous year	Index	Change from previ- ous year	Index	Change from previ- ous year	Index	Change from previ- ous year	Index	Change from previ- ous year	Index	Change from previ- ous year
1949....	33.7	—	26.7	—	79.1	—	8.3	—	48.9	—	24.6	—	23.9	—
1950....	34.3	1.5	29.3	9.7	85.5	8.1	8.7	5.1	50.7	3.7	25.4	3.5	24.4	2.3
1951....	34.0	-0.7	31.3	7.0	92.1	7.7	9.6	10.1	51.7	2.0	28.2	10.8	26.6	9.2
1952....	35.5	4.2	33.1	5.6	93.3	1.3	10.2	6.6	54.1	4.6	28.8	2.3	26.5	-0.4
1953....	36.6	3.2	35.9	8.5	98.1	5.1	10.8	5.5	56.6	4.7	29.4	2.2	26.5	-0.3
1954....	37.5	2.6	33.7	-6.3	89.6	-8.6	11.3	4.6	58.8	3.8	30.0	1.9	26.8	1.4
1955....	39.1	4.0	36.9	9.7	94.6	5.5	11.7	3.9	61.3	4.3	30.0	-0.1	27.0	0.8
1956....	38.9	-0.4	37.3	1.0	96.0	1.5	12.5	6.4	64.2	4.9	32.0	6.9	28.0	3.5
1957....	39.7	2.0	37.5	0.4	94.5	-1.6	13.2	6.0	65.9	2.6	33.3	3.9	29.0	3.6
1958....	40.3	1.6	34.9	-6.8	86.6	-8.3	13.8	4.6	67.0	1.7	34.3	3.0	29.7	2.5
1959....	41.2	2.2	38.1	9.0	92.5	6.7	14.3	3.7	69.0	3.0	34.8	1.5	30.1	1.3
1960....	42.1	2.1	38.7	1.8	92.1	-0.4	14.9	4.2	70.7	2.4	35.5	2.0	30.1	-0.1
1961....	43.1	2.4	38.7	-0.2	89.7	-2.6	15.4	2.9	72.1	1.9	35.6	0.5	30.1	0.2
1962....	44.5	3.2	41.5	7.5	93.4	4.1	15.9	3.8	74.1	2.8	35.9	0.6	30.2	0.1
1963....	46.0	3.4	43.4	4.5	94.4	1.0	16.4	3.0	75.3	1.7	35.7	-0.4	30.1	-0.1
1964....	47.7	3.7	46.0	5.9	96.4	2.1	17.1	4.2	77.4	2.8	35.9	0.4	30.2	0.2
1965....	48.8	2.3	49.8	8.3	102.0	5.8	17.5	2.1	77.8	0.5	35.8	-0.2	30.5	1.1
1966....	49.3	1.0	53.6	7.6	108.6	6.5	18.3	4.5	79.1	1.6	37.1	3.5	31.4	2.9
1967....	51.1	3.6	55.2	3.0	108.0	-0.6	19.3	5.4	80.9	2.3	37.7	1.7	31.9	1.5
1968....	52.9	3.5	57.9	5.0	109.6	1.5	20.7	7.6	83.5	3.3	39.2	4.0	32.7	2.5
1969....	53.8	1.7	59.6	3.0	110.9	1.2	22.2	7.4	85.1	1.8	41.4	5.6	33.7	3.3
1970....	54.4	1.1	56.8	-4.8	104.4	-5.9	23.8	7.1	86.2	1.3	43.8	5.9	34.9	3.5
1971....	58.2	6.9	58.5	3.0	100.5	-3.7	25.3	6.1	87.6	1.6	43.5	-0.8	36.1	3.5
1972....	60.7	4.3	63.7	9.0	105.1	4.5	26.6	5.2	89.3	1.9	43.9	0.9	37.3	3.1
1973....	61.9	2.0	68.3	7.2	110.4	5.1	28.7	7.7	90.6	1.4	46.3	5.6	40.1	7.7
1974....	61.6	-0.4	66.5	-2.6	107.9	-2.2	31.8	11.1	90.6	0.1	51.7	11.5	47.1	17.3
1975....	64.7	5.0	62.9	-5.5	97.2	-9.9	35.7	12.1	93.1	2.7	55.2	6.8	52.7	11.9
1976....	67.4	4.1	68.6	9.1	101.9	4.8	38.7	8.4	95.3	2.4	57.4	4.1	55.0	4.3
1977....	70.1	4.0	74.3	8.3	106.1	4.2	42.0	8.7	97.3	2.1	60.0	4.5	58.4	6.2
1978....	70.7	1.0	78.2	5.2	110.6	4.2	45.4	8.0	97.7	0.4	64.2	7.0	62.4	6.9
1979....	70.2	-0.7	79.1	1.2	112.7	2.0	49.9	9.8	96.4	-1.4	71.0	10.6	69.6	11.4
1980....	70.4	0.3	75.7	-4.3	107.5	-4.6	55.8	11.9	95.0	-1.4	79.3	11.6	79.5	14.3
1981....	71.1	0.9	76.0	0.4	107.0	-0.5	61.3	9.9	94.7	-0.4	86.3	8.9	86.7	9.1
1982....	74.7	5.1	73.1	-3.8	97.9	-8.4	67.3	9.7	97.8	3.3	90.1	4.3	89.2	2.8
1983....	77.1	3.2	76.3	4.3	98.9	1.0	69.1	2.7	97.4	-0.5	89.6	-0.5	89.6	0.5
1984....	79.8	3.4	84.0	10.1	105.3	6.5	71.5	3.4	96.5	-0.9	89.6	0.0	91.1	1.7
1985....	82.8	3.8	86.6	3.0	104.6	-0.7	75.3	5.4	98.2	1.8	91.0	1.6	90.5	-0.7
1986....	86.5	4.5	89.1	2.9	103.0	-1.5	78.7	4.5	100.7	2.6	91.0	0.0	87.0	-3.9
1987....	88.8	2.6	92.1	3.4	103.8	0.8	80.9	2.8	99.9	-0.8	91.2	0.2	88.7	2.0
1988....	90.5	2.0	96.5	4.7	106.6	2.7	84.2	4.1	99.9	-0.1	93.0	2.1	91.4	3.0
1989....	90.7	0.2	97.1	0.7	107.1	0.5	86.9	3.2	98.3	-1.6	95.8	3.0	95.3	4.4
1990....	93.0	2.5	97.5	0.4	104.8	-2.1	91.0	4.7	97.7	-0.6	97.9	2.2	98.8	3.6
1991....	95.1	2.3	95.5	-2.0	100.4	-4.2	95.8	5.3	98.7	1.1	100.7	2.9	99.5	0.7
1992....	100.0	5.1	100.0	4.7	100.0	-0.4	100.0	4.3	100.0	1.3	100.0	-0.7	100.0	0.5
1993....	102.2	2.2	103.6	3.6	101.4	1.4	102.9	2.9	99.9	-0.1	100.7	0.7	100.9	0.9
1994....	105.3	3.0	109.1	5.3	103.6	2.2	105.8	2.8	100.1	0.2	100.5	-0.3	101.9	1.0
1995....	109.4	3.9	113.8	4.3	104.0	0.4	108.3	2.4	99.7	-0.4	99.0	-1.4	103.9	1.9
1996....	113.8	4.1	118.0	3.7	103.7	-0.4	110.7	2.2	99.0	-0.8	97.2	-1.8	104.7	0.8
1997....	119.4	4.9	125.7	6.5	105.3	1.6	115.3	4.2	100.8	1.8	96.6	-0.7	—	—
1998....	124.4	4.2	130.9	4.2	105.2	-0.1	120.4	4.5	103.7	2.9	96.8	0.2	—	—

¹Output is an annual-weighted index of real gross sectoral product.²Hours at work of all persons engaged in the sector, including hours of proprietors. Estimates based primarily on establishment data.³Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of wages, salaries, and supplemental payments for the self-employed.⁴Hourly compensation divided by the Consumer Price Index for All Urban Consumers.⁵Current dollar sectoral product divided by the index of real sectoral product.

NOTE: Percent changes are based on original data and therefore may differ slightly from percent changes based on indexes.

Dash indicates data not available.

Table 30. Annual Indexes of output per hour for selected 3-digit SIC Industries,
1991-97

(Index, 1987=100)

Industry	SIC code ¹	1991	1992	1993	1994	1995	1996	1997	Average annual percent change 1987 to latest year ²
Mining									
Copper ores	102	100.5	115.2	118.1	126.0	117.2	116.5	118.9	1.7
Gold and silver ores	104	127.4	141.6	159.8	160.8	144.2	138.3	158.0	4.7
Bituminous coal and lignite mining	122	122.4	133.0	141.2	148.1	155.9	168.0	176.8	5.9
Crude petroleum and natural gas	131	97.9	102.1	105.9	112.4	119.4	123.7	126.1	2.3
Crushed and broken stone	142	99.8	105.0	103.6	108.7	105.4	107.2	114.8	1.4
Manufacturing									
Meat products	201	99.7	104.6	104.3	101.2	102.4	97.7	n.a.	-0.3
Dairy products	202	108.4	111.5	109.7	111.9	116.6	115.9	n.a.	1.7
Preserved fruits and vegetables	203	99.2	100.6	106.8	107.6	109.1	109.4	n.a.	1.0
Grain mill products	204	104.9	107.7	109.1	108.4	115.3	107.7	n.a.	0.8
Bakery products	205	90.6	93.8	94.4	96.4	97.3	95.4	n.a.	-0.5
Sugar and confectionery products	206	101.3	99.1	103.9	105.4	107.5	112.7	n.a.	1.3
Fats and oils	207	120.1	114.1	112.6	111.8	120.3	111.1	n.a.	1.2
Beverages	208	120.5	127.6	127.0	130.9	134.3	135.7	n.a.	3.4
Miscellaneous food and kindred products	209	101.6	101.6	105.3	101.0	103.1	107.6	n.a.	0.8
Cigarettes	211	107.6	111.6	106.5	126.6	142.9	147.7	n.a.	4.4
Broadwoven fabric mills, cotton	221	111.2	110.3	117.8	122.1	134.0	137.8	n.a.	3.6
Broadwoven fabric mills, manmade	222	116.2	126.2	131.7	142.5	145.2	151.1	n.a.	4.7
Narrow fabric mills	224	99.6	112.9	111.4	120.1	118.9	127.5	n.a.	2.7
Knitting mills	225	114.1	119.5	128.1	134.3	138.6	150.8	n.a.	4.7
Textile finishing, except wool ..	226	79.9	78.6	79.3	81.2	78.5	79.8	n.a.	-2.5
Carpets and rugs	227	89.2	96.1	97.1	93.3	95.8	101.2	n.a.	0.1
Yarn and thread mills	228	111.4	119.6	126.6	130.7	137.4	146.6	n.a.	4.3
Miscellaneous textile goods	229	104.6	106.5	110.4	118.5	123.7	125.4	n.a.	2.5
Men's and boys' suits and coats	231	90.2	89.0	97.4	97.7	92.5	96.5	n.a.	-0.4
Men's and boys' furnishings	232	108.4	109.1	108.4	111.7	123.4	134.0	n.a.	3.3
Women's and misses' outerwear	233	104.3	109.4	121.8	127.4	135.5	144.2	n.a.	4.2
Women's and children's undergarments	234	113.6	117.4	124.5	138.0	161.3	171.6	n.a.	6.2
Hats, caps, and millinery	235	91.1	93.6	87.2	77.7	84.3	80.9	n.a.	-2.3
Miscellaneous apparel and accessories	238	91.8	91.3	94.0	105.5	116.8	121.3	n.a.	2.2
Miscellaneous fabricated textile products	239	100.7	107.5	108.5	107.8	109.2	106.3	n.a.	0.7
Logging	241	86.0	96.2	88.6	87.8	86.0	86.0	n.a.	-1.7
Sawmills and planing mills	242	102.6	108.1	101.9	103.3	110.2	114.9	n.a.	1.6
Millwork, plywood, and structural members	243	98.0	99.9	97.0	94.5	92.7	92.2	n.a.	-0.9
Wood containers	244	113.1	109.4	100.1	100.9	106.1	106.5	n.a.	0.7
Wood buildings and mobile homes	245	103.0	103.1	103.8	98.3	97.0	97.0	n.a.	-0.3
Miscellaneous wood products	249	110.5	114.2	115.3	111.8	115.4	114.2	n.a.	1.5
Household furniture .....	.251	107.1	110.5	110.6	112.5	116.9	122.2	n.a.	2.3
Office furniture	252	94.1	102.5	103.2	100.5	101.1	106.8	n.a.	0.7
Public building and related furniture	253	120.2	140.6	161.0	157.4	173.3	179.9	n.a.	6.7
Partitions and fixtures	254	93.0	102.7	107.4	98.9	101.2	97.3	n.a.	-0.3
Miscellaneous furniture and fixtures	259	102.1	99.5	103.6	104.7	110.0	113.6	n.a.	1.4
Pulp mills	261	128.3	137.3	122.5	128.9	131.9	132.7	n.a.	3.2
Paper mills	262	99.2	103.3	102.4	110.2	119.0	111.9	n.a.	1.3
Paperboard mills	263	101.4	104.4	108.4	114.9	119.5	118.7	n.a.	1.9
Paperboard containers and boxes	265	103.4	105.2	107.9	108.4	105.1	106.5	n.a.	0.7

See note at end of table.

Table 30. Annual Indexes of output per hour for selected 3-digit SIC Industries,
1991-97

(Index, 1987=100)

Industry	SIC code ¹	1991	1992	1993	1994	1995	1996	1997	Average annual percent change 1987 to latest year ²
Miscellaneous converted paper products	267	105.4	105.5	108.0	110.8	113.4	114.6	n.a.	1.5
Newspapers	271	85.8	81.5	79.4	79.9	79.0	77.1	n.a.	-2.8
Periodicals	272	89.5	92.9	89.6	82.4	88.5	90.9	n.a.	-1.1
Books	273	100.8	97.7	103.5	103.0	101.5	100.5	n.a.	0.1
Miscellaneous publishing	274	95.9	105.8	104.5	97.5	94.8	93.4	n.a.	-0.8
Commercial printing	275	102.0	108.0	106.9	106.5	107.2	108.7	n.a.	0.9
Manifold business forms	276	89.1	94.5	91.1	82.0	76.9	74.5	n.a.	-3.2
Greeting cards	277	92.7	96.7	91.4	89.0	92.5	91.8	n.a.	-0.9
Blankbooks and bookbinding ..	278	96.1	103.6	98.7	105.4	108.7	115.0	n.a.	1.6
Printing trade services	279	100.6	112.0	115.3	111.0	116.7	126.7	n.a.	2.7
Industrial inorganic chemicals	281	109.6	109.6	105.4	102.0	109.2	110.4	n.a.	1.1
Plastics materials and synthetics	282	100.0	107.5	111.9	125.0	128.7	125.1	n.a.	2.5
Drugs	283	104.7	99.6	100.0	105.5	108.9	112.9	n.a.	1.4
Soaps, cleaners, and toilet goods	284	105.3	104.4	108.7	111.2	118.6	121.4	n.a.	2.2
Paints and allied products	285	104.3	102.9	108.8	116.7	118.0	124.2	n.a.	2.4
Industrial organic chemicals	286	95.8	94.5	92.2	100.0	98.8	98.4	n.a.	-0.2
Agricultural chemicals	287	99.9	99.9	104.3	105.7	109.0	111.4	n.a.	1.2
Miscellaneous chemical products	289	96.1	101.8	107.1	105.7	107.8	110.2	n.a.	1.1
Petroleum refining	291	106.6	111.3	120.1	123.8	132.3	142.0	n.a.	4.0
Asphalt paving and roofing materials	295	94.1	100.4	108.0	104.9	111.2	114.4	n.a.	1.5
Miscellaneous petroleum and coal products	299	90.6	101.5	104.2	96.3	87.4	86.4	n.a.	-1.6
Tires and inner tubes	301	102.4	107.8	116.5	124.1	131.1	138.8	n.a.	3.7
Hose and belting and gaskets and packing	305	92.4	97.8	99.7	102.7	104.6	107.2	n.a.	0.8
Fabricated rubber products, n.e.c. ³	306	110.1	115.3	123.2	119.2	121.6	120.3	n.a.	2.1
Miscellaneous plastics products, n.e.c. ³	308	108.1	114.1	116.4	120.4	120.7	124.9	n.a.	2.5
Footwear, except rubber	314	94.4	104.2	105.2	113.0	117.1	125.8	n.a.	2.6
Luggage	316	100.3	90.7	89.5	92.3	90.5	108.5	n.a.	0.9
Handbags and personal leather goods	317	98.7	111.2	97.8	86.8	81.8	83.9	n.a.	-1.9
Flat glass	321	83.6	92.7	97.7	97.6	99.6	104.2	n.a.	0/5
Glass and glassware, pressed or blown	322	102.3	108.9	108.7	112.9	115.7	121.9	n.a.	2.2
Products of purchased glass	323	97.7	101.5	106.2	105.9	106.1	124.5	n.a.	2.5
Cement, hydraulic	324	108.3	115.1	119.9	125.6	124.3	127.9	n.a.	2.8
Structural clay products	325	109.8	111.5	105.8	113.0	111.6	119.5	n.a.	2.0
Pottery and related products	326	95.8	99.5	100.3	108.4	109.3	119.4	n.a.	2.0
Concrete, gypsum, and plaster products	327	101.2	102.5	104.6	101.5	104.5	107.5	n.a.	0.8
Miscellaneous nonmetallic mineral products	329	94.0	104.3	104.5	106.3	107.8	111.3	n.a.	1.2
Blast furnace and basic steel products	331	107.8	117.1	133.5	142.4	142.7	153.6	n.a.	4.9
Iron and steel foundries	332	104.5	107.2	112.1	113.0	112.7	115.7	n.a.	1.6
Primary nonferrous metals	333	110.9	102.0	108.0	105.4	111.1	111.0	n.a.	1.2
Nonferrous rolling and drawing	335	90.9	95.8	98.2	101.1	99.1	103.9	n.a.	0.4
Nonferrous foundries (castings)	336	103.6	103.6	108.5	112.1	117.8	122.6	n.a.	2.3
Miscellaneous primary metal products	339	109.1	114.5	111.3	134.5	152.2	149.6	n.a.	4.6
Metal cans and shipping containers	341	122.9	127.8	132.3	140.9	144.2	155.2	n.a.	5.0
Cutlery, handtools, and hardware	342	96.8	100.1	104.0	109.2	111.3	117.9	n.a.	1.8
Plumbing and heating, except electric	343	102.0	98.4	102.0	109.1	109.2	118.6	n.a.	1.9
Fabricated structural metal products	344	100.0	103.9	104.8	107.7	105.8	106.7	n.a.	0.7
Screw machine products, bolts, etc	345	97.9	102.3	104.4	107.2	109.7	110.4	n.a.	1.1
Metal forgings and stampings	346	92.9	103.7	108.7	108.5	109.3	113.7	n.a.	1.4

See note at end of table.

Table 30. Annual Indexes of output per hour for selected 3-digit SIC Industries,
1991-97

(Index, 1987=100)

Industry	SIC code ¹	1991	1992	1993	1994	1995	1996	1997	Average annual percent change 1987 to latest year ²
Metal services, n.e.c. ³	347	99.4	111.6	120.6	123.0	127.7	127.5	n.a.	2.7
Ordnance and accessories, n.e.c. ³	348	81.5	88.6	84.6	83.6	87.6	87.4	n.a.	-1.5
Miscellaneous fabricated metal products	349	97.3	100.9	101.8	103.0	106.4	108.6	n.a.	0.9
Engines and turbines	351	105.8	103.3	109.2	122.3	122.7	136.9	n.a.	3.6
Farm and garden machinery	352	112.9	113.9	118.6	125.0	134.7	136.6	n.a.	3.5
Construction and related machinery	353	99.1	102.0	108.2	117.7	122.1	123.8	n.a.	2.4
Metalworking machinery	354	96.4	104.3	107.4	109.9	114.8	114.7	n.a.	1.5
Special industry machinery	355	108.3	106.0	113.6	121.2	132.3	134.7	n.a.	3.4
General industrial machinery	356	101.6	101.6	104.8	106.7	109.0	110.0	n.a.	1.1
Refrigeration and service machinery	358	100.7	104.9	108.6	110.7	112.7	114.4	n.a.	1.5
Industrial machinery, n.e.c. ³	359	109.0	116.9	118.4	127.3	138.8	142.1	n.a.	4.0
Electric distribution equipment	361	106.5	119.6	122.2	131.8	143.0	145.1	n.a.	4.2
Electrical industrial apparatus	362	106.8	116.8	132.5	134.5	150.4	154.1	n.a.	4.9
Household appliances	363	106.5	115.0	123.4	131.4	127.3	126.7	n.a.	2.7
Electric lighting and wiring equipment	364	97.5	105.7	107.8	113.4	113.7	117.4	n.a.	1.8
Communications equipment	366	123.8	145.4	149.0	164.8	169.6	189.6	n.a.	7.4
Miscellaneous electrical equipment & supplies	369	98.6	101.3	108.2	110.5	114.1	123.0	n.a.	2.3
Motor vehicles and equipment	371	96.6	104.2	105.3	107.1	104.1	104.1	n.a.	0.4
Aircraft and parts	372	108.1	112.2	115.1	109.5	107.8	112.6	n.a.	1.3
Ship and boat building and repairing	373	96.3	102.7	106.2	103.8	97.9	100.5	n.a.	0.1
Railroad equipment	374	146.9	147.9	151.0	152.5	150.0	146.3	n.a.	4.3
Motorcycles, bicycles, and parts	375	99.8	108.4	130.9	125.1	120.3	123.3	n.a.	2.4
Guided missiles, space vehicles, parts	376	109.8	109.3	120.9	117.5	118.7	127.3	n.a.	2.7
Search and navigation equipment	381	118.9	122.1	129.1	132.1	149.5	141.8	n.a.	4.0
Measuring and controlling devices	382	112.9	119.9	124.0	133.8	146.4	150.4	n.a.	4.6
Medical instruments and supplies	384	118.4	123.3	126.9	126.1	130.9	140.4	n.a.	3.8
Ophthalmic goods	385	125.1	144.5	157.8	160.6	167.2	188.9	n.a.	7.3
Photographic equipment & supplies	386	110.2	116.4	126.9	132.7	129.5	129.0	n.a.	2.9
Jewelry, silverware, and plated ware	391	95.8	96.7	96.7	99.5	100.2	103.2	n.a.	0.4
Musical instruments	393	96.9	96.0	95.6	88.7	86.9	78.9	n.a.	-2.6
Toys and sporting goods	394	109.7	104.9	114.2	109.7	113.6	120.0	n.a.	2.0
Pens, pencils, office, and art supplies	395	117.3	111.7	112.0	130.2	135.4	144.4	n.a.	4.2
Costume jewelry and notions	396	106.7	110.8	115.8	129.0	143.7	142.3	n.a.	4.0
Miscellaneous manufactures	399	109.9	109.6	107.8	106.2	108.2	113.5	n.a.	1.4
Transportation									
U.S. postal service ⁴	431	103.7	104.5	107.1	106.6	106.5	104.7	108.3	0.8
Air transportation ⁵	4512,13,22 (pts.)	92.5	96.9	100.2	105.7	108.6	111.1	112.1	1.1
Utilities									
Telephone communications	481	119.8	127.7	135.5	142.2	148.1	159.4	160.2	4.8
Radio and television broadcasting	483	106.1	108.3	106.7	110.1	109.6	105.9	101.3	0.1
Cable and other pay TV services	484	87.5	88.3	85.1	83.3	84.3	81.6	84.1	-1.7
Electric utilities	491,3 (pt.)	113.4	115.2	120.6	126.8	135.0	146.5	150.5	4.2
Gas utilities	492,3 (pt.)	94.0	95.3	107.0	102.2	107.5	116.0	119.9	1.8

See note at end of table.

Table 30. Annual Indexes of output per hour for selected 3-digit SIC Industries,
1991-97

(Index, 1987=100)

Industry	SIC code ¹	1991	1992	1993	1994	1995	1996	1997	Average annual percent change 1987 to latest year ²
Trade									
Lumber and other building materials dealers	521	101.3	105.4	110.3	117.9	117.0	121.5	124	2.2
Paint, glass, and wallpaper stores	523	99.4	106.5	112.1	124.6	126.8	132.1	132.2	2.8
Hardware stores	525	102.5	107.2	106.5	114.2	110.7	115.2	115.8	1.5
Retail nurseries, lawn and garden supply stores	526	88.5	100.4	106.6	116.6	117.1	136.6	119.3	1.8
Department stores	531	98.2	100.9	108.1	111.2	113.4	121.0	125.7	2.3
Variety stores	533	154.2	167.7	185.5	191.8	205.8	232.6	246.1	9.4
Miscellaneous general merchandise stores	539	121.8	136.1	159.7	160.9	164.0	165.1	165.7	5.2
Grocery stores	541	93.7	93.3	93.0	92.9	91.9	90.2	89.1	-1.2
Meat and fish (seafood) markets	542	88.4	95.8	95.8	95.3	95.5	88.8	90.8	-1.0
Retail bakeries	546	94.7	94.0	88.0	90.1	91.2	87.3	97.6	-0.2
New and used car dealers	551	104.1	106.5	107.6	108.7	107.1	108.2	107.3	0.7
Auto and home supply stores	553	99.0	100.0	100.9	107.0	112.6	113.9	109.7	0.9
Gasoline service stations	554	104.3	109.7	113.3	116.5	120.4	117.2	116.5	1.5
Men's and boys' wear stores	561	119.2	118.2	115.6	118.1	117.9	126.3	139.1	3.4
Women's clothing stores	562	103.0	112.2	116.8	115.8	122.8	133.6	134.1	3.0
Family clothing stores	565	106.4	111.7	114.9	121.2	135.2	140.5	143.2	3.7
Shoe stores	566	105.1	111.5	112.4	124.4	131.5	142.6	143.5	3.7
Miscellaneous apparel and accessory stores	569	78.8	89.1	95.2	105.4	131.2	139.9	128	2.5
Furniture and homefurnishings stores	571	101.5	108.4	108.5	110.5	114.7	122.5	125.7	2.3
Household appliance stores	572	105.2	113.9	115.0	116.8	131.6	132.0	149.4	4.1
Radio, television, computer, and music stores	573	128.3	137.8	153.4	178.8	200.0	209.3	220.4	8.2
Eating and drinking places	581	103.1	102.5	101.7	98.9	97.6	95.2	93.7	-0.6
Drug and proprietary stores	591	104.7	103.6	104.8	104.5	105.2	107.5	113.8	1.3
Liquor stores	592	105.9	108.4	100.1	98.1	102.0	110.3	107.8	0.8
Used merchandise stores	593	98.6	110.4	110.4	111.6	111.6	121.6	122.1	2.0
Miscellaneous shopping goods stores	594	105.0	102.7	106.2	111.5	117.2	119.5	124.5	2.2
Nonstore retailers	596	109.3	122.1	121.8	130.6	125.7	138.3	148	4.0
Fuel dealers	598	85.3	84.4	92.2	99.7	112.3	113.3	106.5	-1.1
Retail stores, n.e.c. ³	599	103.2	111.6	115.5	121.3	120.5	130.6	137.8	3.3
Finance and services									
Commercial banks	602	110.1	111.0	118.9	122.3	127.6	130.9	134.1	3.0
Hotels and motels	701	99.1	107.8	106.2	109.6	110.1	109.7	107.9	0.8
Laundry, cleaning, and garment services	721	99.2	98.3	98.9	104.0	105.5	108.7	108.1	0.8
Photographic studios, portrait	722	92.8	97.7	105.9	117.4	129.3	126.4	135.4	3.1
Beauty shops	723	94.8	99.6	95.7	99.8	103.5	106.3	108.9	0.9
Barber shops	724	94.1	112.1	120.8	117.7	114.6	127.6	153.3	4.4
Funeral services and crematories	726	89.5	103.2	98.2	103.8	99.7	97.1	101.3	0.1
Automotive repair shops	753	98.7	103.3	104.0	112.3	119.5	114.1	115.8	1.5
Motion picture theaters	783	116.0	110.8	109.8	106.5	101.4	100.4	100.8	0.1

¹ 1987 Standard Industrial Classification.

² Average annual percent change based on compound rate formula.

³N.e.c. means not elsewhere classified.

*Refers to output per full-time equivalent employee years on fiscal basis.

⁵ Refers to output per employee.

Source: U.S. Bureau of Labor Statistics, Internet site <<http://stats.bls.gov/iprhome.htm>>

Table 31. Average weekly earnings of production workers on private nonfarm payrolls by major industry division, annual averages, 1947-98

(Incurrent dollars)

Year	Total private	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services
1947	\$45.58	\$59.89	\$58.83	\$49.13	-	\$50.06	\$33.77	\$43.21	-
1948	49.00	65.52	65.23	53.08	-	53.59	36.22	45.48	-
1949	50.24	62.33	67.56	53.80	-	55.45	38.42	47.63	-
1950	53.13	67.16	69.68	58.28	-	55.31	39.71	47.50	-
1951	57.86	74.11	76.96	63.34	-	62.02	42.82	54.67	-
1952	60.65	77.59	82.86	66.75	-	65.53	43.38	57.08	-
1953	63.76	83.03	86.41	70.47	-	68.61	45.36	59.57	-
1954	64.52	82.60	88.54	70.49	-	71.28	47.04	62.04	-
1955	67.72	89.54	90.90	75.30	-	74.48	48.75	63.92	-
1956	70.74	95.06	96.38	78.78	-	78.17	50.18	65.68	-
1957	73.33	98.25	100.27	81.19	-	81.41	52.20	67.53	-
1958	75.08	96.08	103.78	82.32	-	84.02	54.10	70.12	-
1959	78.78	103.68	108.41	88.26	-	88.51	56.15	72.74	-
1960	80.67	105.04	112.67	89.72	-	90.72	57.76	75.14	-
1961	82.60	106.92	118.08	92.34	-	93.56	58.66	77.12	-
1962	85.91	110.70	122.47	96.56	-	96.22	60.96	80.94	-
1963	88.46	114.40	127.19	99.23	-	99.47	62.66	84.38	-
1964	91.33	117.74	132.06	102.97	\$118.78	102.56	64.75	85.79	\$70.03
1965	95.45	123.52	138.38	107.53	125.14	106.08	66.61	88.91	73.60
1966	98.82	130.24	146.26	112.19	128.13	111.11	68.57	92.13	77.04
1967	101.84	135.89	154.95	114.49	130.82	115.66	70.95	95.72	80.38
1968	107.73	142.71	164.49	122.51	138.85	121.90	74.95	101.75	83.97
1969	114.61	154.80	181.54	129.51	147.74	129.85	78.66	108.70	90.57
1970	119.83	164.40	195.45	133.33	155.93	136.86	82.47	112.67	96.66
1971	127.31	172.14	211.67	142.44	168.82	143.42	87.62	117.85	103.06
1972	136.90	189.14	221.19	154.71	187.86	151.69	91.85	122.98	110.85
1973	145.39	201.40	235.89	166.46	203.31	159.54	96.32	129.20	117.29
1974	154.76	219.14	249.25	176.80	217.48	169.94	102.68	137.61	126.00
1975	163.53	249.31	266.08	190.79	233.44	182.19	108.86	148.19	134.67
1976	175.45	273.90	283.73	209.32	256.71	194.27	114.60	155.43	143.52
1977	189.00	301.20	295.65	228.90	278.90	209.13	121.66	165.26	153.45
1978	203.70	332.88	318.69	249.27	302.80	228.14	130.20	178.00	163.67
1979	219.91	365.07	342.99	269.34	325.58	247.93	138.62	190.77	175.27
1980	235.10	397.06	367.78	288.62	351.25	266.88	147.38	209.60	190.71
1981	255.20	438.75	399.26	318.00	382.18	290.68	158.03	229.05	208.97
1982	267.26	459.88	426.82	330.26	402.48	309.46	163.85	245.44	225.59
1983	280.70	479.40	442.97	354.08	420.81	328.79	171.05	263.90	239.04
1984	292.86	503.58	458.51	374.03	438.13	341.88	174.33	278.50	247.43
1985	299.09	519.93	464.46	386.37	450.30	351.36	174.64	289.02	256.75
1986	304.85	525.81	466.75	396.01	458.64	357.72	176.08	304.30	265.85
1987	312.50	531.70	480.44	406.31	471.58	365.38	178.70	316.90	275.93
1988	322.02	541.44	495.73	418.81	467.57	380.24	183.62	325.25	289.49
1989	334.24	570.18	513.17	429.68	481.43	394.82	188.72	341.17	305.79
1990	345.35	603.29	526.01	441.86	496.13	411.10	194.40	356.93	319.48
1991	353.98	630.04	533.40	455.03	502.92	424.82	198.48	370.92	331.45
1992	363.61	638.31	537.70	469.86	514.37	435.10	205.06	387.36	342.55
1993	373.64	646.78	553.63	486.04	532.52	448.47	209.95	406.33	350.35
1994	385.86	666.62	573.00	506.94	547.07	463.10	216.46	423.51	358.80
1995	394.34	683.91	587.00	514.59	556.72	476.07	221.47	442.29	369.04
1996	406.61	707.59	603.33	531.23	572.22	492.92	230.11	459.52	382.00
1997	424.89	733.21	625.56	553.14	592.32	516.48	240.74	481.57	400.33
1998	442.19	741.91	643.69	562.53	604.75	539.90	253.17	511.78	418.91

Dash indicates data not available.

NOTE: Current estimates are projected from March 1998 benchmark levels.

Table 32. Median weekly earnings of full-time wage and salary workers by age, sex, race, and Hispanic origin, annual averages, 1981-98

(In current dollars)

Characteristic	1981	1982	1983	1984	1985	1986 ¹	1987	1988	1989
Total, 16 years and over	\$283	\$302	\$313	\$326	\$343	\$358	\$373	\$385	\$399
16 to 24 years	200	208	210	217	223	231	242	249	259
16 to 19 years	161	164	163	168	173	178	185	195	204
20 to 24 years	213	220	222	230	240	248	258	265	276
25 years and over	308	326	343	361	378	391	403	414	427
25 to 54 years	309	328	344	362	379	391	403	414	429
25 to 34 years	296	311	321	335	349	360	373	383	394
35 to 44 years	325	353	369	389	405	418	435	449	472
45 to 54 years	320	345	366	385	400	415	429	452	472
55 years and over	301	319	337	356	374	389	398	411	420
55 to 64 years	308	325	346	365	380	396	405	419	431
65 years and over	222	253	260	271	296	298	310	323	334
Men	339	364	378	391	406	419	433	449	468
Women	219	238	252	265	277	290	303	315	328
White, both sexes	290	309	319	336	355	370	383	394	409
Men	349	375	387	400	417	433	450	465	482
Women	220	241	254	268	281	294	307	318	334
Black, both sexes	234	245	261	269	277	291	301	314	319
Men	268	278	293	302	304	318	326	347	348
Women	205	217	231	241	252	263	275	288	301
Hispanic origin, both sexes	(2)	(2)	(2)	(2)	(2)	277	284	290	298
Men	(2)	(2)	(2)	(2)	(2)	299	306	307	315
Women	(2)	(2)	(2)	(2)	(2)	241	251	260	269
	1990 ¹	1991	1992	1993	1994 ¹	1995	1996	1997 ¹	1998 ¹
Total, 16 years and over	\$412	\$426	\$440	\$459	\$467	\$479	\$490	\$503	\$523
16 to 24 years	269	277	276	282	286	292	298	306	319
16 to 19 years	209	213	212	214	221	231	240	252	268
20 to 24 years	285	291	290	297	300	306	312	321	339
25 years and over	449	467	479	491	500	510	520	540	572
25 to 54 years	450	468	479	492	501	511	521	541	571
25 to 34 years	407	415	422	436	439	451	463	481	502
35 to 44 years	486	498	503	517	537	550	559	579	597
45 to 54 years	489	507	522	542	566	582	594	607	620
55 years and over	440	457	472	483	490	502	518	534	579
55 to 64 years	457	469	483	492	501	514	535	558	592
65 years and over	343	381	378	393	384	389	384	393	405
Men	481	493	501	510	522	538	557	579	598
Women	346	366	380	393	399	406	418	431	456
White, both sexes	424	442	458	475	484	494	506	519	545
Men	494	506	514	524	547	566	580	595	615
Women	353	373	387	401	408	415	428	444	468
Black, both sexes	329	348	357	369	371	383	387	400	426
Men	361	375	380	392	400	411	412	432	468
Women	308	323	335	348	346	355	362	375	400
Hispanic origin, both sexes	304	312	322	331	324	329	339	351	370
Men	318	323	339	346	343	350	356	371	390
Women	278	292	302	313	305	305	316	318	337

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

² Data not available.

Table 33. Median weekly earnings of full-time wage and salary workers 25 years and older by sex and educational attainment, annual averages, selected years, 1990-98

(In current dollars)

Characteristic	1990 ¹	1994 ¹	1995	1996	1997 ¹	1998 ¹
TOTAL						
Total, 25 years and over	\$449	\$500	\$510	\$520	\$540	\$572
Less than a high school diploma	303	307	309	317	321	337
High school graduates, no college	386	421	432	443	461	479
Some college or associate degree	476	499	508	518	535	558
College graduates, total	638	733	747	758	779	821
Men						
Total, 25 years and over	512	576	588	599	615	639
Less than a high school diploma	349	342	347	357	365	383
High school graduates, no college	459	496	507	516	535	559
Some college or associate degree	542	587	596	604	621	643
College graduates, total	741	826	845	874	896	939
Women						
Total, 25 years and over	369	421	428	444	462	485
Less than a high school diploma	240	257	262	268	275	283
High school graduates, no college	315	351	356	365	378	396
Some college or associate degree	395	423	427	442	459	476
College graduates, total	535	634	644	657	672	707

¹ Data on educational attainment prior to 1992 reflect years of school completed rather than degrees or diplomas received and are not strictly comparable with data for 1992 and later years. In addition, the comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

Table 34. Producer price indexes for major commodity groups, 1947-98

(1982=100)

Year	Farm products, processed foods and feeds	Farm products	Pro-cessed foods and feeds	Indus-trial com-modi-ties	Textile products and apparel	Hides, skins, leather, and products	Fuels and related products and power ¹	Chem-i-cals and allied prod-ucts ¹	Rubber and plastic products
1947	37.9	45.1	33.0	22.7	50.6	31.7	11.1	32.1	29.2
1948	40.8	48.5	35.3	24.6	52.8	32.1	13.1	32.8	30.2
1949	36.0	41.9	32.1	24.1	48.3	30.4	12.4	30.0	29.2
1950	37.7	44.0	33.2	25.0	50.2	32.9	12.6	30.4	35.6
1951	43.0	51.2	36.9	27.6	56.0	37.7	13.0	34.8	43.7
1952	41.3	48.4	36.4	26.9	50.5	30.5	13.0	33.0	39.6
1953	38.6	43.8	34.8	27.2	49.3	31.0	13.4	33.4	36.9
1954	38.5	43.2	35.4	27.2	48.2	29.5	13.2	33.8	37.5
1955	36.6	40.5	33.8	27.8	48.2	29.4	13.2	33.7	42.4
1956	36.4	40.0	33.8	29.1	48.2	31.2	13.6	33.9	43.0
1957	37.7	41.1	34.8	29.9	48.3	31.2	14.3	34.6	42.8
1958	39.4	42.9	36.5	30.0	47.4	31.6	13.7	34.9	42.8
1959	37.6	40.2	35.6	30.5	48.1	35.9	13.7	34.8	42.6
1960	37.7	40.1	35.6	30.5	48.6	34.6	13.9	34.8	42.7
1961	37.7	39.7	36.2	30.4	47.8	34.9	14.0	34.5	41.1
1962	38.1	40.4	36.5	30.4	48.2	35.3	14.0	33.9	39.9
1963	37.7	39.6	36.8	30.3	48.2	34.3	13.9	33.5	40.1
1964	37.5	39.0	36.7	30.5	48.5	34.4	13.5	33.6	39.6
1965	39.0	40.7	38.0	30.9	48.8	35.9	13.8	33.9	39.7
1966	41.6	43.7	40.2	31.5	48.9	39.4	14.1	34.0	40.5
1967	40.2	41.3	39.8	32.0	48.9	38.1	14.4	34.2	41.4
1968	41.1	42.3	40.6	32.8	50.7	39.3	14.3	34.1	42.8
1969	43.4	45.0	42.7	33.9	51.8	41.5	14.6	34.2	43.6
1970	44.9	45.8	44.6	35.2	52.4	42.0	15.3	35.0	44.9
1971	45.8	46.6	45.5	36.5	53.3	43.4	16.6	35.6	45.2
1972	49.2	51.6	48.0	37.8	55.5	50.0	17.1	35.6	45.3
1973	63.9	72.7	58.9	40.3	60.5	54.5	19.4	37.6	46.6
1974	71.3	77.4	68.0	49.2	68.0	55.2	30.1	50.2	56.4
1975	74.0	77.0	72.6	54.9	67.4	56.5	35.4	62.0	62.2
1976	73.6	78.8	70.8	58.4	72.4	63.9	38.3	64.0	66.0
1977	75.9	79.4	74.0	62.5	75.3	68.3	43.6	65.9	69.4
1978	83.0	87.7	80.6	67.0	78.1	76.1	46.5	68.0	72.4
1979	92.3	99.6	88.5	75.7	82.5	96.1	58.9	76.0	80.5
1980	98.3	102.9	95.9	88.0	89.7	94.7	82.8	89.0	90.1
1981	101.1	105.2	98.9	97.4	97.6	99.3	100.2	98.4	96.4
1982	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1983	102.0	102.4	101.8	101.1	100.3	103.2	95.9	100.3	100.8
1984	105.5	105.5	105.4	103.3	102.7	109.0	94.8	102.9	102.3
1985	100.7	95.1	103.5	103.7	102.9	108.9	91.4	103.7	101.9
1986	101.2	92.9	105.4	100.0	103.2	113.0	69.8	102.6	101.9
1987	103.7	95.5	107.9	102.6	105.1	120.4	70.2	106.4	103.0
1988	110.0	104.9	112.7	106.3	109.2	131.4	66.7	116.3	109.3
1989	115.4	110.9	117.8	111.6	112.3	136.3	72.9	123.0	112.6
1990	118.6	112.2	121.9	115.8	115.0	141.7	82.3	123.6	113.6
1991	116.4	105.7	121.9	116.5	116.3	138.9	81.2	125.6	115.1
1992	115.9	103.6	122.1	117.4	117.8	140.4	80.4	125.9	115.1
1993	118.4	107.1	124.0	119.0	118.0	143.7	80.0	128.2	116.0
1994	119.1	106.3	125.5	120.7	118.3	148.5	77.8	132.1	117.6
1995	120.5	107.4	127.0	125.5	120.8	153.7	78.0	142.5	124.3
1996	129.7	122.4	133.3	127.3	122.4	150.5	85.8	142.1	123.8
1997	127.0	112.9	134.0	127.7	122.6	154.2	86.1	143.6	123.2
1998	122.7	104.6	131.6	124.8	122.9	148.0	75.3	143.9	122.6

See footnote at end of table.

Table 34. Producer price indexes for major commodity groups, 1947-98—Continued

(1982=100)

Year	Lumber and wood products	Pulp, paper, and allied products	Metals and metal products	Machi- nery and equip- ment	Furniture and house- hold durables	Non- metallic mineral products	Trans- portation and equipment	Motor vehicles and equip- ment	Miscel- laneous prod- ucts
1947	25.8	25.1	18.2	19.3	37.2	20.7	—	25.5	26.6
1948	29.5	26.2	20.7	20.9	39.4	22.4	—	28.2	27.7
1949	27.3	25.1	20.9	21.9	40.1	23.0	—	30.1	28.2
1950	31.4	25.7	22.0	22.6	40.9	23.5	—	30.0	28.6
1951	34.1	30.5	24.5	25.3	44.4	25.0	—	31.6	30.3
1952	33.2	29.7	24.5	25.3	43.5	25.0	—	33.4	30.2
1953	33.1	29.6	25.3	25.9	44.4	26.0	—	33.3	31.0
1954	32.5	29.6	25.5	26.3	44.9	26.6	—	33.4	31.3
1955	34.1	30.4	27.2	27.2	45.1	27.3	—	34.3	31.3
1956	34.6	32.4	29.6	29.3	46.3	28.5	—	36.3	31.7
1957	32.8	33.0	30.2	31.4	47.5	29.6	—	37.9	32.6
1958	32.5	33.4	30.0	32.1	47.9	29.9	—	39.0	33.3
1959	34.7	33.7	30.6	32.8	48.0	30.3	—	39.9	33.4
1960	33.5	34.0	30.6	33.0	47.8	30.4	—	39.3	33.6
1961	32.0	33.0	30.5	33.0	47.5	30.5	—	39.2	33.7
1962	32.2	33.4	30.2	33.0	47.2	30.5	—	39.2	33.9
1963	32.8	33.1	30.3	33.1	46.9	30.3	—	38.9	34.2
1964	33.5	33.0	31.1	33.3	47.1	30.4	—	39.1	34.4
1965	33.7	33.3	32.0	33.7	46.8	30.4	—	39.2	34.7
1966	35.2	34.2	32.8	34.7	47.4	30.7	—	39.2	35.3
1967	35.1	34.6	33.2	35.9	48.3	31.2	—	39.8	36.2
1968	39.8	35.0	34.0	37.0	49.7	32.4	—	40.9	37.0
1969	44.0	36.0	36.0	38.2	50.7	33.6	40.4	41.7	38.1
1970	39.9	37.5	38.7	40.0	51.9	35.3	41.9	43.3	39.8
1971	44.7	38.1	39.4	41.4	53.1	38.2	44.2	45.7	40.8
1972	50.7	39.3	40.9	42.3	53.8	39.4	45.5	47.0	41.5
1973	62.2	42.3	44.0	43.7	55.7	40.7	46.1	47.4	43.3
1974	64.5	52.5	57.0	50.0	61.8	47.8	50.3	51.4	48.1
1975	62.1	59.0	61.5	57.9	67.5	54.4	56.7	57.6	53.4
1976	72.2	62.1	65.0	61.3	70.3	58.2	60.5	61.2	55.6
1977	83.0	64.6	69.3	65.2	73.2	62.6	64.6	65.2	59.4
1978	96.9	67.7	75.3	70.3	77.5	69.6	69.5	70.0	66.7
1979	105.5	75.9	86.0	76.7	82.8	77.6	75.3	75.8	75.5
1980	101.5	86.3	95.0	86.0	90.7	88.4	82.9	83.1	93.6
1981	102.8	94.8	99.6	94.4	95.9	96.7	94.3	94.6	96.1
1982	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1983	107.9	103.3	101.8	102.7	103.4	101.6	102.8	102.2	104.8
1984	108.0	110.3	104.8	105.1	105.7	105.4	105.2	104.1	107.0
1985	106.6	113.3	104.4	107.2	107.1	108.6	107.9	106.4	109.4
1986	107.2	116.1	103.2	108.8	108.2	110.0	110.5	109.1	111.6
1987	112.8	121.8	107.1	110.4	109.9	110.0	112.5	111.7	114.9
1988	118.9	130.4	118.7	113.2	113.1	111.2	114.3	113.1	120.2
1989	126.7	137.8	124.1	117.4	116.9	112.6	117.7	116.2	126.5
1990	129.7	141.2	122.9	120.7	119.2	114.7	121.5	118.2	134.2
1991	132.1	142.9	120.2	123.0	121.2	117.2	126.4	122.1	140.8
1992	146.6	145.2	119.2	123.4	122.2	117.3	130.4	124.9	145.3
1993	174.0	147.3	119.2	124.0	123.7	120.0	133.7	128.0	145.4
1994	180.0	152.5	124.8	125.1	126.1	124.2	137.2	131.4	141.9
1995	178.1	172.2	134.5	126.6	128.2	129.0	139.7	133.0	145.4
1996	176.1	168.7	131.0	126.5	130.4	131.0	141.7	134.1	147.7
1997	183.8	167.9	131.8	125.9	130.8	133.2	141.6	132.7	150.9
1998	179.1	171.7	127.8	124.9	131.3	135.4	141.2	131.4	156.0

¹ Prices for some items in this grouping are lagged and refer to 1 month earlier than the index month.

Table 35. Producer price indexes by stage of processing, special groups, 1947-98
(1982=100)

Year	Total finished goods	Finish-ed foods	Finish-ed energy	Finish-ed goods exclu-ding foods and energy	Capital equipment	Con-sumer goods exclu-ding foods and energy	Total Inter-mEDIATE	Inter-me-diate foods and feeds ¹	Inter-me-diate energy	Inter-me-diate other	Total crude	Crude foods and feeds	Crude energy	Crude other
1947	26.4	31.9	—	—	19.8	—	23.3	—	—	—	31.7	45.1	—	—
1948	28.5	34.9	—	—	21.6	—	25.2	—	—	—	34.7	48.8	—	—
1949	27.7	32.1	—	—	22.7	—	24.2	—	—	—	30.1	40.5	—	—
1950	28.2	32.7	—	—	23.2	—	25.3	—	—	—	32.7	43.4	—	—
1951	30.8	36.7	—	—	25.5	—	28.4	—	—	—	37.6	50.2	—	—
1952	30.6	36.4	—	—	25.9	—	27.5	—	—	—	34.5	47.3	—	—
1953	30.3	34.5	—	—	26.3	—	27.7	—	—	—	31.9	42.3	—	—
1954	30.4	34.2	—	—	26.7	—	27.9	—	—	—	31.6	42.3	—	—
1955	30.5	33.4	—	—	27.4	—	28.4	—	—	—	30.4	38.4	—	—
1956	31.3	33.3	—	—	29.5	—	29.6	—	—	—	30.6	37.6	—	—
1957	32.5	34.4	—	—	31.3	—	30.3	—	—	—	31.2	39.2	—	—
1958	33.2	36.5	—	—	32.1	—	30.4	—	—	—	31.9	41.6	—	—
1959	33.1	34.8	—	—	32.7	—	30.8	—	—	—	31.1	38.8	—	—
1960	33.4	35.5	—	—	32.8	—	30.8	—	—	—	30.4	38.4	—	—
1961	33.4	35.4	—	—	32.9	—	30.6	—	—	—	30.2	37.9	—	—
1962	33.5	35.7	—	—	33.0	—	30.6	—	—	—	30.5	38.6	—	—
1963	33.4	35.3	—	—	33.1	—	30.7	—	—	—	29.9	37.5	—	—
1964	33.5	35.4	—	—	33.4	—	30.8	—	—	—	29.6	36.6	—	—
1965	34.1	36.8	—	—	33.8	—	31.2	—	—	—	31.1	39.2	—	—
1966	35.2	39.2	—	—	34.6	—	32.0	—	—	—	33.1	42.7	—	—
1967	35.6	38.5	—	—	35.8	—	32.2	41.8	—	—	31.3	40.3	—	—
1968	36.6	40.0	—	—	37.0	—	33.0	41.5	—	—	31.8	40.9	—	—
1969	38.0	42.4	—	—	38.3	—	34.1	42.9	—	—	33.9	44.1	—	—
1970	39.3	43.8	—	—	40.1	—	35.4	45.6	—	—	35.2	45.2	—	—
1971	40.5	44.5	—	—	41.7	—	36.8	46.7	—	—	36.0	46.1	—	—
1972	41.8	46.9	—	—	42.8	—	38.2	49.5	—	—	39.9	51.5	—	—
1973	45.6	56.5	—	48.1	44.2	50.4	42.4	70.3	—	44.3	54.5	72.6	—	70.8
1974	52.6	64.4	26.2	53.6	50.5	55.5	52.5	83.6	33.1	54.0	61.4	76.4	27.8	83.3
1975	58.2	69.8	30.7	59.7	58.2	60.6	58.0	81.6	38.7	60.2	61.6	77.4	33.3	69.3
1976	60.8	69.6	34.3	63.1	62.1	63.7	60.9	77.4	41.5	63.8	63.4	76.8	35.3	80.2
1977	64.7	73.3	39.7	66.9	66.1	67.3	64.9	79.6	46.8	67.6	65.5	77.5	40.4	79.8
1978	69.8	79.9	42.3	71.9	71.3	72.2	69.5	84.8	49.1	72.5	73.4	87.3	45.2	87.8
1979	77.6	87.3	57.1	78.3	77.5	78.8	78.4	94.5	61.1	80.7	85.9	100.0	54.9	106.2
1980	88.0	92.4	85.2	87.1	85.8	87.8	90.3	105.5	84.9	90.3	95.3	104.6	73.1	113.1
1981	96.1	97.8	101.5	94.6	94.6	98.6	104.6	100.5	97.7	103.0	103.9	97.7	111.7	
1982	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
1983	101.6	101.0	95.2	103.0	102.8	103.1	100.6	103.6	95.3	101.6	101.3	101.8	98.7	105.3
1984	103.7	105.4	91.2	105.5	105.2	105.7	103.1	105.7	95.5	104.7	103.5	104.7	98.0	111.7
1985	104.7	104.6	87.6	108.1	107.5	108.4	102.7	97.3	92.6	105.2	95.8	94.8	93.3	104.9
1986	103.2	107.3	63.0	110.6	109.7	111.1	99.1	96.2	72.6	104.9	87.7	93.2	71.8	103.1
1987	105.4	109.5	61.8	113.3	111.7	114.2	101.5	99.2	73.0	107.8	93.7	96.2	75.0	115.7
1988	108.0	112.6	59.8	117.0	114.3	118.5	107.1	109.5	70.9	115.2	96.0	106.1	67.7	133.0
1989	113.6	118.7	65.7	122.1	118.8	124.0	112.0	113.8	76.1	120.2	103.1	111.2	75.9	137.9
1990	119.2	124.4	75.0	126.6	122.9	128.8	114.5	113.3	85.5	120.9	108.9	113.1	85.9	136.3
1991	121.7	124.1	78.1	131.1	126.7	133.7	114.4	111.1	85.1	121.4	101.2	105.5	80.4	128.2
1992	123.2	123.3	77.8	134.2	129.1	137.3	114.7	110.7	84.3	122.0	100.4	105.1	78.8	128.4
1993	124.7	125.7	78.0	135.8	131.4	138.5	116.2	112.7	84.6	123.8	102.4	108.4	76.7	140.2
1994	125.5	126.8	77.0	137.1	134.1	139.0	118.5	114.8	83.0	127.1	101.8	106.5	72.1	156.2
1995	127.9	129.0	78.1	140.0	136.7	141.9	124.9	114.8	84.1	135.2	102.7	105.8	69.4	173.6
1996	131.3	133.6	83.2	142.0	138.3	144.3	125.7	128.1	89.8	134.0	113.8	121.5	85.0	155.8
1997	131.8	134.5	83.4	142.4	138.2	145.1	125.6	125.4	89.0	134.2	111.1	112.2	87.3	156.5
1998	130.7	134.3	75.1	143.7	137.6	147.7	123.0	116.2	80.8	133.5	96.8	103.9	68.6	142.1

¹ Intermediate materials for food manufacturing and feeds.

Dash indicates data not available.

Table 36. Consumer Price Index for All Urban Consumers (CPI-U), 1960-98

Year	Annual average				December			
	All items	Food	Energy	All items less food and energy	All items	Food	Energy	All items less food and energy
1960	29.6	30.0	22.4	30.6	29.8	30.4	22.7	30.8
1961	29.9	30.4	22.5	31.0	30.0	30.2	22.4	31.2
1962	30.2	30.6	22.6	31.4	30.4	30.6	22.9	31.6
1963	30.6	31.1	22.6	31.8	30.9	31.2	22.7	32.1
1964	31.0	31.5	22.5	32.3	31.2	31.6	22.7	32.5
1965	31.5	32.2	22.9	32.7	31.8	32.7	23.1	33.0
1966	32.4	33.8	23.3	33.5	32.9	34.0	23.5	34.1
1967	33.4	34.1	23.8	34.7	33.9	34.4	23.9	35.4
1968	34.8	35.3	24.2	36.3	35.5	35.9	24.3	37.2
1969	36.7	37.1	24.8	38.4	37.7	38.4	25.0	39.5
1970	38.8	39.2	25.5	40.8	39.8	39.3	26.2	42.1
1971	40.5	40.4	26.5	42.7	41.1	41.0	27.0	43.4
1972	41.8	42.1	27.2	44.0	42.5	42.9	27.7	44.7
1973	44.4	48.2	29.4	45.6	46.2	51.6	32.4	46.8
1974	49.3	55.1	38.1	49.4	51.9	57.8	39.4	52.0
1975	53.8	59.8	42.1	53.9	55.5	61.6	43.9	55.5
1976	56.9	61.6	45.1	57.4	58.2	61.9	47.0	58.9
1977	60.6	65.5	49.4	61.0	62.1	66.9	50.4	62.7
1978	65.2	72.0	52.5	65.5	67.7	74.8	54.4	68.0
1979	72.6	79.9	65.7	71.9	76.7	82.4	74.8	75.7
1980	82.4	86.8	86.0	80.8	86.3	90.8	88.3	84.9
1981	90.9	93.6	97.7	89.2	94.0	94.7	98.8	93.0
1982	96.5	97.4	99.2	95.8	97.6	97.6	100.1	97.2
1983	99.6	99.4	99.9	99.6	101.3	100.2	99.6	101.9
1984	103.9	103.2	100.9	104.6	105.3	104.0	99.8	106.7
1985	107.6	105.6	101.6	109.1	109.3	106.7	101.6	111.3
1986	109.6	109.0	88.2	113.5	110.5	110.8	81.6	115.5
1987	113.6	113.5	88.6	118.2	115.4	114.7	88.3	120.4
1988	118.3	118.2	89.3	123.4	120.5	120.7	88.7	126.0
1989	124.0	125.1	94.3	129.0	126.1	127.4	93.2	131.5
1990	130.7	132.4	102.1	135.5	133.8	134.2	110.1	138.3
1991	136.2	136.3	102.5	142.1	137.9	136.7	101.9	144.4
1992	140.3	137.9	103.0	147.3	141.9	138.7	103.9	149.2
1993	144.5	140.9	104.2	152.2	145.8	142.7	102.4	153.9
1994	148.2	144.3	104.6	156.5	149.7	146.8	104.7	157.9
1995	152.4	148.4	105.2	161.2	153.5	149.9	103.3	162.7
1996	156.9	153.3	110.1	165.6	158.6	156.3	112.2	167.0
1997	160.5	157.3	111.5	169.5	161.3	158.7	108.4	170.7
1998	163.0	160.7	102.9	173.4	163.9	162.3	98.9	174.8

Table 36. Consumer Price Index for All Urban Consumers (CPI-U), 1960-98—Continued

Year	Annual average percent change from previous year				Percent change to December from prior December			
	All items	Food	Energy	All items less food and energy	All items	Food	Energy	All items less food and energy
1960	1.7	1.0	2.3	1.3	1.4	3.1	1.3	1.0
1961	1.0	1.3	.4	1.3	.7	-.7	-1.3	1.3
1962	1.0	.7	4	1.3	1.3	1.3	2.2	1.3
1963	1.3	1.6	.0	1.3	1.6	2.0	-.9	1.6
1964	1.3	1.3	-.4	1.6	1.0	1.3	0	1.2
1965	1.6	2.2	1.8	1.2	1.9	3.5	1.8	1.5
1966	2.9	5.0	1.7	2.4	3.5	4.0	1.7	3.3
1967	3.1	.9	2.1	3.6	3.0	1.2	1.7	3.8
1968	4.2	3.5	1.7	4.6	4.7	4.4	1.7	5.1
1969	5.5	5.1	2.5	5.8	6.2	7.0	2.9	6.2
1970	5.7	5.7	2.8	6.3	5.6	2.3	4.8	6.6
1971	4.4	3.1	3.9	4.7	3.3	4.3	3.1	3.1
1972	3.2	4.2	2.6	3.0	3.4	4.6	2.6	3.0
1973	6.2	14.5	8.1	3.6	8.7	20.3	17.0	4.7
1974	11.0	14.3	29.6	8.3	12.3	12.0	21.6	11.1
1975	9.1	8.5	10.5	9.1	6.9	6.6	11.4	6.7
1976	5.8	3.0	7.1	6.5	4.9	.5	7.1	6.1
1977	6.5	6.3	9.5	6.3	6.7	8.1	7.2	6.5
1978	7.6	9.9	6.3	7.4	9.0	11.8	7.9	8.5
1979	11.3	11.0	25.1	9.8	13.3	10.2	37.5	11.3
1980	13.5	8.6	30.9	12.4	12.5	10.2	18.0	12.2
1981	10.3	7.8	13.6	10.4	8.9	4.3	11.9	9.5
1982	6.2	4.1	1.5	7.4	3.8	3.1	1.3	4.5
1983	3.2	2.1	.7	4.0	3.8	2.7	-.5	4.8
1984	4.3	3.8	1.0	5.0	3.9	3.8	2	4.7
1985	3.6	2.3	.7	4.3	3.8	2.6	1.8	4.3
1986	1.9	3.2	-13.2	4.0	1.1	3.8	-19.7	3.8
1987	3.6	4.1	.5	4.1	4.4	3.5	8.2	4.2
1988	4.1	4.1	.8	4.4	4.4	5.2	.5	4.7
1989	4.8	5.8	5.6	4.5	4.6	5.6	5.1	4.4
1990	5.4	5.8	8.3	5.0	6.1	5.3	18.1	5.2
1991	4.2	2.9	.4	4.9	3.1	1.9	-7.4	4.4
1992	3.0	1.2	.5	3.7	2.9	1.5	2.0	3.3
1993	3.0	2.2	1.2	3.3	2.7	2.9	-1.4	3.2
1994	2.6	2.4	.4	2.8	2.7	2.9	2.2	2.6
1995	2.8	2.8	.6	3.0	2.5	2.1	-1.3	3.0
1996	3.0	3.3	4.7	2.7	3.3	4.3	8.6	2.6
1997	2.3	2.6	1.3	2.4	1.7	1.5	-3.4	2.2
1998	1.6	2.2	-7.7	2.3	1.6	2.3	-8.8	2.4

Table 37. Average annual expenditures and percent distribution of all consumer units, selected periods, 1935-36 to 1996-97

Item	Averages				Percent of current consumption			
	1935-36	1960-61	1972-73	1996-97	1935-36	1960-61	1972-73	1996-97
Characteristics								
Number of consumer units (in thousands) .	39,458	55,306	71,220	104,894				
Income before taxes	\$1,502	\$6,253	\$11,726	\$38,983				
Income after taxes	-	5,564	10,174	35,787				
Average consumer unit size	3.2	3.2	2.9	2.5				
Percent homeowner	-	61	58	64				
Expenditures								
Current Consumption	\$1,273	\$5,056	\$7,920	\$28,935	100.0	100.0	100.0	100.0
Food	428	1,236	1,679	4,681	33.6	24.4	21.2	16.2
Food at home	-	990	1,303	2,837	-	19.6	16.5	9.8
Food away from home	-	246	376	1,844	-	4.9	4.7	6.4
Alcoholic beverages	-	78	82	292	-	1.5	1.0	1.0
Shelter	241	664	1,395	6,158	18.9	13.1	17.6	21.3
Household operations and utilities	134	538	715	2,834	10.5	10.6	9.0	9.8
Housefurnishings	36	266	378	1,335	2.8	5.3	4.8	4.6
Apparel and services	133	519	647	1,518	10.4	10.3	8.2	5.2
Vehicle purchases ¹	96	299	714	2,755	7.5	5.9	9.0	9.5
Vehicle operations	-	393	935	3,160	-	7.8	11.8	10.9
Public transportation	22	77	96	390	1.7	1.5	1.2	1.3
Health care	56	340	429	1,638	4.4	6.7	5.4	5.7
Insurance	-	90	152	723	-	1.8	1.9	2.5
Services	-	168	216	510	-	3.3	2.7	1.8
Drugs	-	69	47	307	-	1.4	0.6	1.1
Supplies	-	13	14	99	-	0.3	0.2	0.3
Entertainment	42	200	373	1,709	3.3	4.0	4.7	5.9
Personal care	26	145	101	418	2.0	2.9	1.3	1.4
Tobacco	24	91	128	259	1.9	1.8	1.6	0.9
Education	13	54	109	406	1.0	1.1	1.4	1.4
Reading	14	45	48	159	1.1	0.9	0.6	0.5
Other items	8	111	91	1,223	0.6	2.2	1.1	4.2

¹ Vehicle purchases also includes vehicle operations for 1935-36 data.

Dash indicates data not available.

Table 38. Shares of average annual expenditures and characteristics of all consumer units classified by quintiles of income before taxes, Consumer Expenditure Survey, 1987 and 1997

Item	All consumer units complete reporting	Complete reporting of income						Incomplete reporting of income
		Total 20 percent	Second 20 percent	Third 20 percent	Fourth 20 percent	Highest 20 percent		
1987								
Number of consumer units (in thousands)	94,150	81,070	16,187	16,215	16,215	16,214	16,239	13,080
Consumer unit characteristics:								
Income before taxes ¹	\$27,326	\$27,326	\$4,611	\$11,954	\$20,943	\$33,276	\$65,750	(¹)
Age of reference person	47.0	47.0	51.7	50.7	44.9	43.0	44.8	47.3
Average number in consumer unit:								
Persons	2.6	2.5	1.8	2.2	2.6	2.9	3.2	2.7
Children under 18 .....	.7	.7	.4	.6	.7	.9	.9	.7
Persons 65 and over .....	.3	.3	.4	.5	.3	.2	.1	.2
Earners	1.4	1.3	.6	.9	1.4	1.7	2.1	1.5
Vehicles	2.0	2.0	.8	1.5	2.0	2.5	3.0	2.0
Percent homeowner	63	62	40	51	58	73	86	65
Average annual expenditures	\$24,414	\$24,776	\$10,355	\$15,686	\$21,708	\$29,603	\$46,470	\$22,668
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Food	15.0	15.1	18.5	17.7	16.5	14.6	13.3	14.7
Food at home	8.6	8.6	12.8	11.7	9.5	8.2	6.6	8.5
Cereals and bakery products ..	1.2	1.2	1.8	1.7	1.4	1.2	.9	1.2
Meats, poultry, fish, and eggs ..	2.3	2.4	3.5	3.2	2.6	2.3	1.8	2.3
Dairy products	1.1	1.1	1.7	1.5	1.3	1.1	.9	1.1
Fruits and vegetables	1.5	1.4	2.3	2.0	1.6	1.3	1.1	1.5
Other food at home	2.3	2.4	3.3	3.1	2.6	2.3	1.8	2.2
Food away from home	6.4	6.5	5.7	6.0	7.0	6.4	6.7	6.2
Alcoholic beverages	1.2	1.2	1.2	1.2	1.5	1.1	1.2	1.0
Housing	30.4	29.6	36.4	32.3	29.5	28.2	28.2	35.2
Shelter	16.4	15.8	19.8	17.3	15.6	14.8	15.1	19.8
Owned dwellings	9.7	9.3	6.6	6.4	7.2	9.6	11.7	12.3
Rented dwellings	5.5	5.4	12.4	10.1	7.7	4.5	1.8	6.0
Other lodging	1.1	1.1	.9	.7	.7	.8	1.6	1.5
Utilities, fuels, and public services	6.8	6.6	10.4	8.7	7.3	6.3	5.0	8.1
Household operations	1.5	1.5	1.2	1.1	1.2	1.4	1.9	1.8
Housekeeping supplies	1.4	1.5	1.8	1.8	1.7	1.5	1.2	1.0
Household furnishings and equipment	4.2	4.2	3.2	3.4	3.6	4.3	4.9	4.5
Apparel and services	5.9	5.9	5.3	6.0	5.6	6.2	5.9	6.3
Transportation	18.8	18.5	15.0	18.6	19.1	20.0	18.1	20.8
Vehicle purchases	8.3	8.1	5.9	7.8	8.3	9.1	8.1	9.1
Gasoline and motor oil	3.6	3.6	3.6	4.1	4.1	3.8	3.0	4.1
Other vehicle expenses	5.8	5.8	4.2	5.7	5.8	6.2	5.8	6.0
Public transportation	1.1	1.0	1.2	1.0	.9	.9	1.2	1.6
Health care	4.6	4.6	7.1	6.8	5.3	4.1	3.3	5.0
Entertainment	4.9	4.9	3.7	3.8	4.9	5.0	5.4	4.9
Personal care products and services	1.4	1.4	1.4	1.6	1.5	1.3	1.3	1.2
Reading .....	.6	.6	.6	.6	.6	.6	.6	.6
Education	1.4	1.3	2.3	1.1	1.0	.9	1.5	1.9
Tobacco products and smoking supplies	1.0	.9	1.6	1.4	1.1	1.0	.6	1.0
Miscellaneous	2.9	3.0	2.8	2.3	2.9	3.3	3.2	2.2
Cash contributions	3.0	3.1	1.7	2.2	2.5	2.7	4.3	2.3
Personal insurance and pensions	8.9	9.7	2.3	4.6	8.0	10.9	13.2	3.0
Life and other personal insurance	1.2	1.2	1.1	1.0	1.1	1.2	1.3	1.3
Pensions and Social Security	7.7	8.6	1.3	3.6	6.8	9.7	12.0	1.7

See footnotes at end of table.

Table 38. Shares of average annual expenditures and characteristics of all consumer units classified by quintiles of income before taxes, Consumer Expenditure Survey, 1987 and 1997—Continued

Item	All consumer units	Complete reporting of income						Incomplete reporting of income
		Total complete reporting	Lowest 20 percent	Second 20 percent	Third 20 percent	Fourth 20 percent	Highest 20 percent	
1997								
Number of consumer units (in thousands)	105,576	84,991	16,975	16,997	16,998	16,996	17,025	20,585
Consumer unit characteristics:								
Income before taxes ¹	\$39,926	\$39,926	\$7,086	\$17,246	\$30,285	\$48,478	\$96,397	(1)
Age of reference person	47.7	47.8	51.4	51.4	46.5	44.3	45.3	47.6
Average number in consumer unit:								
Persons	2.5	2.5	1.8	2.3	2.5	2.9	3.1	2.6
Children under 18 .....	.7	.7	.5	.6	.7	.9	.9	.7
Persons 65 and over .....	.3	.3	.4	.5	.3	.2	.1	.3
Earners	1.3	1.3	.6	.9	1.4	1.8	2.1	1.3
Vehicles	2.0	2.0	1.0	1.6	2.0	2.5	2.9	1.8
Percent homeowner	64	64	40	56	60	75	86	64
Average annual expenditures	\$34,819	\$36,146	\$16,008	\$23,558	\$31,447	\$42,846	\$66,800	\$29,557
Percent distribution:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Food	13.8	13.6	16.8	15.8	14.3	13.3	11.8	15.0
Food at home	8.3	8.2	11.7	10.9	9.1	7.7	6.3	8.7
Cereals and bakery products	1.3	1.3	1.8	1.7	1.4	1.2	1.0	1.4
Meats, poultry, fish, and eggs	2.1	2.1	3.1	3.0	2.4	1.9	1.5	2.4
Dairy products .....	.9	.9	1.3	1.2	1.0	.9	.7	.9
Fruits and vegetables	1.4	1.3	2.0	1.8	1.5	1.2	1.1	1.5
Other food at home	2.6	2.6	3.6	3.2	2.9	2.6	2.0	2.6
Food away from home	5.5	5.3	5.0	4.9	5.2	5.5	5.5	6.3
Alcoholic beverages .....	.9	.9	.9	.8	1.0	.9	.9	.8
Housing	32.4	31.4	37.0	33.1	31.5	30.2	30.2	37.2
Shelter	18.2	17.5	20.3	18.1	17.6	16.8	17.1	21.5
Owned dwellings	11.3	10.9	7.4	7.8	9.0	11.5	13.3	13.3
Rented dwellings	5.7	5.5	12.1	9.6	7.8	4.4	2.0	6.8
Other lodging	1.2	1.2	.8	.7	.8	.9	1.8	1.4
Utilities, fuels, and public services	6.9	6.7	9.8	8.7	7.4	6.4	5.0	8.2
Household operations	1.6	1.6	1.3	1.3	1.2	1.3	2.0	1.7
Housekeeping supplies	1.3	1.3	1.6	1.5	1.3	1.4	1.2	1.2
Household furnishings and equipment	4.3	4.3	4.0	3.5	4.0	4.3	4.8	4.6
Apparel and services	5.0	4.9	4.7	5.1	5.0	4.8	5.0	5.2
Transportation	18.5	18.5	15.1	18.3	19.5	20.3	17.6	18.9
Vehicle purchases (net outlay) ...	7.9	7.9	5.9	8.0	8.6	9.3	7.1	7.6
Gasoline and motor oil	3.2	3.1	3.3	3.5	3.4	3.3	2.6	3.5
Other vehicle expenses	6.4	6.4	5.0	6.0	6.5	6.8	6.6	6.4
Public transportation	1.1	1.1	1.0	.9	.9	.9	1.4	1.4
Health care	5.3	5.3	7.3	7.7	5.9	4.8	3.9	5.5
Entertainment	5.2	5.2	4.3	4.6	4.5	5.1	5.9	5.4
Personal care products and services	1.5	1.5	1.6	1.7	1.8	1.5	1.4	1.5
Reading .....	.5	.5	.5	.5	.5	.4	.5	.4
Education	1.6	1.5	2.7	1.2	1.3	1.2	1.6	2.3
Tobacco products and smoking supplies .....	.8	.7	1.4	1.1	.9	.7	.4	.8
Miscellaneous	2.4	2.5	3.1	2.5	2.6	2.7	2.1	2.3
Cash contributions	2.9	3.0	2.2	3.0	3.0	2.7	3.4	2.2
Personal insurance and pensions	9.3	10.6	2.3	4.6	8.3	11.4	15.3	2.4
Life and other personal insurance	1.1	1.1	.8	.9	1.0	1.0	1.3	1.2
Pensions and Social Security ...	8.2	9.5	1.5	3.7	7.3	10.4	14.0	1.3

¹ Components of income and taxes are derived from "complete income reporters" only; see glossary.
n.a. Not applicable.

Table 39. Shares of average annual expenditures and characteristics of all consumer units classified by age of the reference person, Consumer Expenditure Survey, 1987 and 1997

Item	All consumer units	Under 25	25-34	35-44	45-54	55-64	65 and over	65-74	75 and over
1987									
Number of consumer units (in thousands)	94,150	7,811	21,345	18,747	13,395	13,080	19,772	11,578	8,194
Consumer unit characteristics:									
Income before taxes ¹	\$27,326	\$12,621	\$27,835	\$36,240	\$36,941	\$31,038	\$16,242	\$18,598	\$12,912
Age of reference person	47.0	21.6	29.6	39.1	49.2	59.6	73.7	69.1	80.2
Average number in consumer unit:									
Persons	2.6	1.8	2.8	3.4	2.9	2.3	1.7	1.9	1.5
Children under 18 .....	.7	.4	1.1	1.5	.6	.2	.1	.1	(.1)
Persons 65 and over .....	.3	(.1)	(.1)	(.1)	(.1)	.1	1.3	1.3	1.3
Earners	1.4	1.2	1.5	1.8	2.0	1.4	.4	.6	.2
Vehicles	2.0	1.2	1.9	2.4	2.7	2.3	1.3	1.6	.9
Percent homeowner	63	10	45	68	76	82	74	77	69
Average annual expenditures	\$24,414	\$14,368	\$24,177	\$31,473	\$31,708	\$25,707	\$16,129	\$18,888	\$12,230
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Food	15.0	15.3	14.8	14.7	14.6	15.1	16.2	15.7	17.2
Food at home	8.6	7.3	8.2	8.1	8.3	9.0	10.7	10.0	12.2
Cereals and bakery products	1.2	1.0	1.2	1.2	1.1	1.2	1.6	1.5	1.9
Meats, poultry, fish, and eggs	2.3	1.7	2.2	2.2	2.4	2.6	2.9	2.7	3.2
Dairy products	1.1	1.0	1.1	1.1	1.1	1.1	1.4	1.3	1.6
Fruits and vegetables	1.5	1.2	1.3	1.3	1.4	1.6	2.1	1.9	2.5
Other food at home	2.3	2.3	2.4	2.2	2.2	2.3	2.6	2.5	2.9
Food away from home	6.4	8.1	6.5	6.7	6.3	6.1	5.5	5.7	5.0
Alcoholic beverages	1.2	2.2	1.5	1.1	1.1	1.0	.8	.9	.6
Housing	30.4	29.9	33.0	30.5	27.8	27.6	32.6	30.9	36.4
Shelter	16.4	18.7	19.3	16.8	14.7	13.1	15.8	14.8	18.3
Owned dwellings	9.7	2.3	10.1	11.5	9.9	9.0	9.0	8.9	9.0
Rented dwellings	5.5	15.4	8.6	4.2	3.2	2.5	5.6	4.4	8.3
Other lodging	1.1	1.0	.6	1.0	1.6	1.6	1.3	1.4	.9
Utilities, fuels, and public services	6.8	5.7	6.2	6.3	6.5	7.4	9.2	8.5	10.8
Household operations	1.5	.9	1.9	1.7	.9	1.1	2.0	1.7	2.6
Housekeeping supplies	1.4	1.0	1.3	1.2	1.4	1.5	1.9	1.9	1.9
Household furnishings and equipment	4.2	3.6	4.2	4.5	4.3	4.4	3.7	4.2	2.7
Apparel and services	5.9	6.2	6.0	6.4	6.1	5.4	5.2	5.5	4.5
Transportation	18.8	23.7	18.8	18.9	19.6	19.4	15.5	17.3	11.4
Vehicle purchases	8.3	11.7	8.4	8.6	8.7	8.4	5.7	6.7	3.5
Gasoline and motor oil	3.6	4.2	3.7	3.5	3.7	3.8	3.3	3.5	2.7
Other vehicle expenses	5.8	6.4	5.8	5.8	6.2	5.9	5.0	5.5	4.0
Public transportation	1.1	1.3	.9	1.0	1.0	1.3	1.5	1.6	1.2
Health care	4.6	2.4	3.2	3.4	4.0	5.4	10.2	8.9	13.0
Entertainment	4.9	5.2	5.4	5.3	4.6	4.4	4.0	4.6	2.5
Personal care products and services	1.4	1.2	1.3	1.3	1.3	1.5	1.6	1.5	1.8
Reading .....	.6	.5	.5	.5	.5	.6	.8	.8	.8
Education	1.4	4.3	.9	1.5	2.1	1.0	.3	.4	.1
Tobacco products and smoking supplies	1.0	1.1	.9	.9	1.1	1.0	.9	1.0	.7
Miscellaneous	2.9	1.8	2.9	3.0	2.9	3.1	3.1	3.4	2.5
Cash contributions	3.0	.5	1.6	2.5	3.8	4.1	5.1	4.4	6.5
Personal insurance and pensions	8.9	5.8	9.4	9.9	10.5	10.4	3.8	4.6	2.1
Life and other personal insurance	1.2	.4	.9	1.3	1.3	1.6	1.3	1.4	1.0
Pensions and Social Security ..	7.7	5.4	8.4	8.6	9.2	8.8	2.6	3.2	1.1

See footnotes at end of table.

Table 39. Shares of average annual expenditures and characteristics of all consumer units classified by age of the reference person, Consumer Expenditure Survey, 1987 and 1997—Continued

Item	All consumer units	Under 25	25-34	35-44	45-54	55-64	65 and over	65-74	75 and over
1997									
Number of consumer units (in thousands)	105,576	7,501	19,918	24,560	19,343	12,316	21,936	12,109	9,827
Consumer unit characteristics:									
Income before taxes ¹	\$39,926	\$15,666	\$40,247	\$48,788	\$55,260	\$41,734	\$23,965	\$27,492	\$19,425
Age of reference person	47.7	21.2	29.7	39.5	49.1	59.3	74.6	69.4	81.1
Average number in consumer unit:									
Persons	2.5	1.8	2.8	3.2	2.7	2.2	1.7	1.9	1.5
Children under 18 .....	.7	.4	1.1	1.3	.6	.2	.1	.1	(²)
Persons 65 and over .....	.3	(²)	(²)	(²)	(²)	.1	1.3	1.3	1.4
Earners	1.3	1.2	1.5	1.7	1.8	1.4	.4	.6	.2
Vehicles	2.0	1.0	1.8	2.2	2.5	2.3	1.5	1.8	1.2
Percent homeowner	64	9	44	64	77	79	79	81	77
Average annual expenditures	\$34,819	\$18,450	\$34,902	\$40,413	\$45,239	\$35,954	\$24,413	\$27,792	\$20,279
Percent distribution:	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Food	13.8	15.4	13.3	14.0	13.3	14.1	14.3	14.6	13.7
Food at home	8.3	8.5	7.9	8.4	7.6	8.7	9.4	9.4	9.5
Cereals and bakery products	1.3	1.3	1.2	1.3	1.2	1.3	1.5	1.4	1.5
Meats, poultry, fish, and eggs	2.1	2.1	2.0	2.1	2.0	2.3	2.4	2.4	2.3
Dairy products .....	.9	.9	.9	1.0	.8	.9	1.0	1.0	1.0
Fruits and vegetables	1.4	1.3	1.2	1.3	1.2	1.5	1.8	1.7	1.9
Other food at home	2.6	2.8	2.5	2.6	2.3	2.7	2.7	2.8	2.7
Food away from home	5.5	6.9	5.4	5.6	5.7	5.4	4.9	5.3	4.3
Alcoholic beverages .....	.9	1.4	1.1	.9	.8	.8	.8	1.0	.5
Housing	32.4	31.8	33.7	33.2	30.7	30.8	33.1	31.9	35.0
Shelter	18.2	19.8	20.0	19.5	17.3	16.1	16.4	15.7	17.5
Owned dwellings	11.3	2.1	9.8	13.0	12.3	11.3	10.7	10.9	10.4
Rented dwellings	5.7	16.3	9.4	5.5	3.3	3.2	4.3	3.3	6.0
Other lodging	1.2	1.5	.7	1.0	1.6	1.6	1.4	1.6	1.1
Utilities, fuels, and public services	6.9	5.9	6.4	6.7	6.4	7.4	8.8	8.4	9.6
Household operations	1.6	1.0	1.9	1.8	1.2	1.1	1.9	1.4	2.6
Housekeeping supplies	1.3	.9	1.2	1.3	1.2	1.5	1.7	1.6	1.8
Household furnishings and equipment	4.3	4.1	4.3	4.0	4.6	4.8	4.3	4.9	3.5
Apparel and services	5.0	6.8	5.6	5.1	4.7	4.6	4.3	4.7	3.6
Transportation	18.5	20.2	20.2	17.9	19.3	18.7	15.6	16.7	13.7
Vehicle purchases (net outlay)	7.9	9.4	9.3	7.5	8.2	7.3	6.1	6.6	5.2
Gasoline and motor oil	3.2	3.8	3.2	3.2	3.2	3.3	2.7	2.9	2.3
Other vehicle expenses	6.4	5.9	6.6	6.3	6.8	6.6	5.6	5.9	5.2
Public transportation	1.1	1.2	1.1	.9	1.2	1.4	1.2	1.4	1.1
Health care	5.3	2.3	3.5	4.0	4.3	6.1	11.7	10.4	13.8
Entertainment	5.2	5.7	5.3	5.3	5.3	5.3	4.5	4.7	4.2
Personal care products and services	1.5	1.6	1.5	1.5	1.4	1.5	1.8	1.8	1.9
Reading .....	.5	.3	.4	.4	.5	.6	.7	.7	.7
Education	1.6	6.0	1.4	1.5	2.4	.8	.6	.8	.3
Tobacco products and smoking supplies .....	.8	1.1	.7	.8	.7	.8	.6	.8	.4
Miscellaneous	2.4	1.5	2.2	2.4	2.4	3.0	2.5	2.7	2.3
Cash contributions	2.9	.9	1.4	2.3	3.2	3.4	5.4	4.3	7.3
Personal insurance and pensions	9.3	5.1	9.6	10.7	11.0	9.6	3.9	4.9	2.3
Life and other personal insurance	1.1	.3	.7	.9	1.3	1.5	1.4	1.5	1.2
Pensions and Social Security	8.2	4.8	8.9	9.7	9.7	8.2	2.6	3.4	1.1

¹ Components of income and taxes are derived from "complete income reporters" only; see glossary.

² Value less than 0.05.

Table 40. Shares of average annual expenditures and characteristics of all consumer units classified by composition of the consumer unit, Consumer Expenditure Survey, 1987 and 1997

Item	Husband and wife consumer units							One parent, at least one child under 18	Single person and other consumer units		
	Total husband and wife consumer units	Husband and wife only	Husband and wife with children								
			Total husband and wife with children	Oldest child under 6	Oldest child 6 to 17	Oldest child 18 or over					
1987											
Number of consumer units (in thousands)	52,110	20,445	28,082	5,937	14,296	7,849	3,584	5,840	36,200		
Consumer unit characteristics:											
Income before taxes ¹	\$36,114	\$32,307	\$39,120	\$35,505	\$37,263	\$45,238	\$35,568	\$14,737	\$17,237		
Age of reference person	47.0	55.3	40.7	30.5	38.5	52.4	48.8	35.0	49.1		
Average number in consumer unit:											
Persons	3.2	2.0	3.9	3.4	4.2	3.9	4.9	3.0	1.5		
Children under 18 .....	.9	n.a.	1.6	1.5	2.2	.6	1.4	1.8	.2	
Persons 65 and over .....	.3	.6	.1	(²)	(²)	.2	.5	(²)	.3	
Earners	1.7	1.2	2.1	1.6	1.9	2.7	2.4	.9	.9		
Vehicles	2.6	2.3	2.9	2.2	2.7	3.7	2.9	1.0	1.2		
Percent homeowner	79.0	79.0	77.5	62.0	77.0	90.0	78.0	33.0	44.0		
Average annual expenditures	\$30,659	\$26,541	\$33,578	\$29,414	\$32,899	\$37,966	\$32,010	\$16,521	\$16,590		
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
Food	14.9	14.2	15.3	13.0	15.8	15.8	17.0	17.8	14.5		
Food at home	8.7	7.8	9.0	8.3	9.2	9.1	11.0	11.3	7.7		
Cereals and bakery products	1.2	1.1	1.3	1.1	1.4	1.3	1.5	1.6	1.1		
Meats, poultry, fish, and eggs	2.4	2.2	2.5	2.2	2.4	2.6	3.2	3.3	2.0		
Dairy products	1.1	1.0	1.2	1.1	1.3	1.2	1.4	1.5	1.0		
Fruits and vegetables	1.4	1.4	1.4	1.3	1.4	1.5	1.9	1.8	1.4		
Other food at home	2.3	2.1	2.5	2.5	2.6	2.3	2.9	3.0	2.1		
Food away from home	6.2	6.3	6.3	4.7	6.6	6.7	6.0	6.4	6.8		
Alcoholic beverages	1.0	1.1	.9	.8	.9	1.0	.9	1.0	1.8		
Housing	29.3	29.5	29.2	34.5	30.3	24.1	29.6	34.9	32.6		
Shelter	15.2	15.4	15.1	18.5	16.0	11.4	15.5	19.7	19.1		
Owned dwellings	10.9	10.5	11.0	12.3	12.1	8.6	11.3	6.9	7.2		
Rented dwellings	3.1	3.4	2.9	5.4	3.0	1.2	3.1	12.2	11.0		
Other lodging	1.2	1.5	1.2	.9	1.0	1.5	1.2	.7	.9		
Utilities, fuels, and public services	6.6	6.8	6.4	6.2	6.5	6.4	7.4	8.4	7.3		
Household operations	1.6	1.0	1.9	3.9	1.9	.8	1.3	2.2	1.2		
Housekeeping supplies	1.4	1.5	1.4	1.4	1.4	1.3	1.4	1.5	1.4		
Household furnishings and equipment	4.5	4.8	4.4	4.5	4.4	4.3	4.0	3.1	3.6		
Apparel and services	5.7	5.3	5.9	5.7	6.2	5.6	6.2	6.9	6.3		
Transportation	19.5	18.8	19.9	19.0	18.2	23.1	18.6	17.2	17.5		
Vehicle purchases	8.7	7.9	9.3	9.3	8.3	10.9	7.8	8.5	7.1		
Gasoline and motor oil	3.8	3.6	3.8	3.3	3.7	4.2	3.9	3.2	3.4		
Other vehicle expenses	6.0	5.9	6.0	5.6	5.6	7.0	5.8	4.7	5.5		
Public transportation	1.0	1.3	.8	.8	.6	1.0	1.1	.8	1.5		
Health care	4.7	6.1	3.9	3.9	3.9	4.0	5.1	3.0	4.7		
Entertainment	5.0	4.6	5.2	5.0	5.6	4.8	4.8	4.5	4.7		
Personal care products and services	1.3	1.4	1.3	1.1	1.2	1.5	1.2	1.8	1.4		
Reading .....	.6	.6	.5	.5	.5	.5	.5	.5	.7	
Education	1.4	.9	1.7	.5	1.5	2.7	1.3	.9	1.5		
Tobacco products and smoking supplies .....	.9	.9	.9	.8	.9	1.0	1.3	1.2	1.0	
Miscellaneous	2.9	3.0	2.6	2.8	2.6	2.8	3.1	2.7	3.3		
Cash contributions	3.1	4.3	2.6	2.2	2.4	3.2	1.8	1.9	3.0		
Personal insurance and pensions	9.7	9.5	10.0	10.1	10.0	10.0	8.6	5.9	7.3		
Life and other personal insurance	1.4	1.4	1.4	1.1	1.5	1.3	1.5	.8	.7		
Pensions and Social Security	8.3	8.0	8.6	9.0	8.5	8.6	7.1	5.1	6.5		

See footnotes at end of table.

Table 40. Shares of average annual expenditures and characteristics of all consumer units classified by composition of the consumer unit, Consumer Expenditure Survey, 1987 and 1997—Continued

Item	Husband and wife consumer units							One parent, at least one child under 18	Single person and other consumer units		
	Total husband and wife consumer units	Husband and wife only	Husband and wife with children			Other husband and wife consumer units					
			Total husband and wife with children	Oldest child under 6	Oldest child 6 to 17	Oldest child 18 or over					
1997											
Number of consumer units (in thousands)	55,205	22,531	28,382	5,431	15,360	7,591	4,291	6,626	43,745		
Consumer unit characteristics											
Income before taxes ¹	\$52,981	\$47,475	\$57,598	\$57,063	\$56,673	\$59,938	\$51,038	\$24,185	\$25,811		
Age of reference person	48.2	56.6	41.5	32.0	39.9	51.4	47.9	36.8	48.9		
Average number in consumer unit:											
Persons	3.2	2.0	4.0	3.5	4.2	3.9	4.8	3	1.6		
Children under 18 .....	.9	n.a.	1.6	1.5	2.2	.6	1.4	1.8	.2	
Persons 65 and over .....	.3	.7	(²)	(²)	(²)	.2	.5	(²)	.3	
Earners	1.7	1.2	2.0	1.7	1.9	2.6	2.3	1.0	.9		
Vehicles	2.6	2.4	2.7	2.2	2.6	3.4	2.7	1.2	1.3		
Percent homeowner	80	83	78	66	77	88	75	37	47		
Average annual expenditures	\$44,101	\$39,515	\$47,716	\$45,723	\$47,124	\$50,485	\$44,311	\$26,352	\$24,160		
Percent distribution	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
Food	13.8	13.3	13.9	12.3	14.4	14.2	15.9	15.4	13.1		
Food at home	8.4	7.6	8.6	8.0	8.8	8.6	10.6	10.5	7.4		
Cereals and bakery products	1.3	1.1	1.4	1.2	1.4	1.4	1.7	1.6	1.2		
Meats, poultry, fish, and eggs	2.1	1.9	2.2	1.9	2.2	2.3	3.1	2.9	1.9		
Dairy products .....	.9	.8	1.0	.9	1.0	.9	1.1	1.1	.8	
Fruits and vegetables	1.4	1.3	1.3	1.2	1.3	1.4	1.7	1.7	1.3		
Other food at home	2.6	2.4	2.7	2.7	2.8	2.6	3.1	3.1	2.3		
Food away from home	5.5	5.7	5.3	4.3	5.5	5.6	5.2	4.9	5.6		
Alcoholic beverages .....	.8	1.0	.6	.6	.6	.6	.7	.5	1.2	
Housing	31.1	31.0	31.2	34.9	32.0	27.2	31.1	37.3	34.6		
Shelter	17.0	16.5	17.5	19.1	18.4	14.6	15.7	20.9	20.8		
Owned dwellings	12.5	11.9	13.2	13.8	14.0	11.2	10.4	8.9	9.1		
Rented dwellings	3.1	2.9	3.0	4.8	3.2	1.7	4.3	11.3	10.8		
Other lodging	1.4	1.7	1.2	.6	1.2	1.7	1.0	.7	.9		
Utilities, fuels, and public services	6.5	6.5	6.4	5.6	6.5	6.7	7.5	8.6	7.6		
Household operations	1.6	1.1	2.0	4.7	1.8	.7	1.6	2.5	1.3		
Housekeeping supplies	1.4	1.4	1.3	1.4	1.3	1.4	1.3	1.3	1.1		
Household furnishings and equipment	4.6	5.5	4.0	4.0	4.0	3.8	5.0	4.0	3.8		
Apparel and services	5.0	4.6	5.3	4.9	5.7	5.0	5.2	5.8	4.5		
Transportation	19.2	18.6	19.5	20.6	17.9	21.9	19.4	15.9	17.7		
Vehicle purchases (net outlay)	8.1	8.0	8.3	10.2	7.3	9.0	7.8	6.6	7.5		
Gasoline and motor oil	3.2	3.0	3.3	2.9	3.2	3.8	3.7	2.9	3.0		
Other vehicle expenses	6.7	6.2	6.9	6.6	6.5	7.9	6.9	5.6	6.0		
Public transportation	1.1	1.3	1.0	.9	.9	1.2	1.0	.9	1.2		
Health care	5.3	6.8	4.4	3.7	4.3	5.0	5.4	4.2	5.4		
Entertainment	5.5	5.6	5.4	4.5	5.7	5.7	4.7	4.7	4.7		
Personal care products and services	1.5	1.5	1.4	1.3	1.4	1.5	1.6	1.8	1.5		
Reading .....	.5	.6	.4	.4	.4	.4	.3	.3	.5	
Education	1.6	1.0	1.9	.6	1.8	3.0	1.3	2.2	1.8		
Tobacco products and smoking supplies .....	.7	.6	.6	.5	.6	.7	1.0	.7	1.0	
Miscellaneous	2.2	2.3	2.1	2.3	1.9	2.4	2.2	3.1	2.9		
Cash contributions	2.8	3.5	2.3	2.3	2.3	2.3	2.2	1.6	3.4		
Personal insurance and pensions	10.1	9.5	10.7	11.2	10.9	10.0	9.1	6.4	7.8		
Life and other personal insurance	1.2	1.3	1.2	1.0	1.3	1.2	1.2	.7	.8		
Pensions and Social Security	8.9	8.2	9.5	10.2	9.7	8.8	7.9	5.8	6.9		

¹ Components of income and taxes are derived from "complete income reporters" only; see glossary.

² Value less than 0.05.

n.a. Not applicable.

Table 41. Shares of average annual expenditures and characteristics of all consumer units classified by region of residence, Consumer Expenditure Survey, 1987 and 1997

Item	All consumer units	Northeast	Midwest	South	West
1987					
Number of consumer units (in thousands)	94,150	19,731	23,966	31,303	19,151
Consumer unit characteristics:					
Income before taxes ¹	\$27,326	\$27,494	\$25,772	\$26,479	\$30,373
Age of reference person	47.0	49.1	46.9	46.6	45.8
Average number in consumer unit:					
Persons	2.6	2.5	2.5	2.6	2.6
Children under 18 .....	.7	.6	.7	.7	.7
Persons 65 and over .....	.3	.4	.3	.3	.3
Earners	1.4	1.3	1.4	1.4	1.4
Vehicles	2.0	1.6	2.1	2	2.2
Percent homeowner	63	61	66	63	57
Average annual expenditures	\$24,414	\$25,079	\$23,021	\$23,292	\$27,309
Percent distribution:	100.0	100.0	100.0	100.0	100.0
Food	15.0	15.6	15.0	14.8	14.7
Food at home	8.6	8.8	8.6	8.4	8.7
Cereals and bakery products	1.2	1.3	1.2	1.2	1.2
Meats, poultry, fish, and eggs	2.3	2.6	2.3	2.3	2.2
Dairy products	1.1	1.2	1.1	1.1	1.2
Fruits and vegetables	1.5	1.5	1.4	1.4	1.6
Other food at home	2.3	2.1	2.4	2.4	2.4
Food away from home	6.4	6.8	6.4	6.4	6.0
Alcoholic beverages	1.2	1.4	1.1	1.0	1.3
Housing	30.4	31.7	29.3	29.3	31.7
Shelter	16.4	17.7	14.8	14.9	18.8
Owned dwellings	9.7	10.4	9.3	9.0	10.6
Rented dwellings	5.5	5.8	4.4	4.9	7.2
Other lodging	1.1	1.5	1.1	1.0	1.1
Utilities, fuels, and public services	6.8	7.0	7.3	7.4	5.4
Household operations	1.5	1.2	1.5	1.7	1.6
Housekeeping supplies	1.4	1.4	1.4	1.4	1.3
Household furnishings and equipment	4.2	4.4	4.3	3.8	4.6
Apparel and services	5.9	6.8	5.7	5.9	5.3
Transportation	18.8	17.8	19.5	19.7	17.9
Vehicle purchases	8.3	7.6	8.9	9.0	7.2
Gasoline and motor oil	3.6	3.1	3.8	4.0	3.4
Other vehicle expenses	5.8	5.6	5.9	5.8	6.0
Public transportation	1.1	1.5	1.0	0.9	1.3
Health care	4.6	4.2	4.8	5.2	4.2
Entertainment	4.9	4.6	5.0	4.7	5.4
Personal care products and services	1.4	1.4	1.3	1.4	1.3
Reading .....	.6	.7	.6	.5	.6
Education	1.4	1.9	1.6	1.1	1.0
Tobacco products and smoking supplies	1.0	.9	1.1	1.0	.7
Miscellaneous	2.9	2.6	2.8	3.0	3.3
Cash contributions	3.0	2.3	3.2	3.2	3.4
Personal insurance and pensions	8.9	8.2	9.0	9.1	9.2
Life and other personal insurance	1.2	1.0	1.3	1.4	.9
Pensions and Social Security	7.7	7.2	7.6	7.7	8.3

See footnote at end of table.

Table 41. Shares of average annual expenditures and characteristics of all consumer units classified by region of residence, Consumer Expenditure Survey, 1987 and 1997—Continued

Item	All consumer units	Northeast	Midwest	South	West
1997					
Number of consumer units (in thousands)	105,576	21,090	25,228	36,832	22,426
Consumer unit characteristics:					
Income before taxes ¹	\$39,926	\$43,336	\$39,222	\$35,691	\$44,368
Age of reference person	47.7	48.1	48.8	47.7	46.2
Average number in consumer unit:					
Persons	2.5	2.5	2.5	2.5	2.7
Children under 18 .....	.7	.6	.7	.7	.8
Persons 65 and over .....	.3	.3	.3	.3	.3
Earners	1.3	1.3	1.4	1.3	1.4
Vehicles	2.0	1.6	2.2	1.9	2.1
Percent homeowner	64	59	69	66	58
Average annual expenditures	\$34,819	\$36,070	\$33,791	\$32,226	\$39,037
Percent distribution:					
Food	100.0	100.0	100.0	100.0	100.0
Food at home	13.8	14.9	13.7	13.7	13.0
Food at home	8.3	8.2	8.1	8.6	8.0
Cereals and bakery products	1.3	1.4	1.3	1.3	1.2
Meats, poultry, fish, and eggs	2.1	2.2	2.0	2.3	2.0
Dairy products .....	.9	.9	.9	.9	.9
Fruits and vegetables	1.4	1.5	1.3	1.4	1.4
Other food at home	2.6	2.3	2.6	2.7	2.5
Food away from home	5.5	6.6	5.6	5.1	5.0
Alcoholic beverages .....	.9	1.1	.9	.7	1.0
Housing	32.4	34.6	31.2	30.6	34.0
Shelter	18.2	20.9	16.7	15.7	20.7
Owned dwellings	11.3	13.0	11.2	9.5	12.3
Rented dwellings	5.7	6.4	4.4	5.3	7.0
Other lodging	1.2	1.5	1.2	1.0	1.4
Utilities, fuels, and public services	6.9	6.9	7.3	7.6	5.7
Household operations	1.6	1.3	1.4	1.7	1.9
Housekeeping supplies	1.3	1.2	1.4	1.3	1.3
Household furnishings and equipment	4.3	4.4	4.4	4.3	4.4
Apparel and services	5.0	5.3	5.1	5.0	4.5
Transportation	18.5	16.2	18.8	20.1	18.2
Vehicle purchases (net outlay)	7.9	5.7	8.2	9.5	7.2
Gasoline and motor oil	3.2	2.7	3.3	3.5	3.0
Other vehicle expenses	6.4	6.2	6.3	6.4	6.7
Public transportation	1.1	1.6	1.0	.8	1.3
Health care	5.3	4.7	5.6	5.9	4.6
Entertainment	5.2	4.9	5.7	4.8	5.5
Personal care products and services	1.5	1.4	1.5	1.7	1.4
Reading .....	.5	.5	.5	.4	.5
Education	1.6	2.1	1.5	1.4	1.7
Tobacco products and smoking supplies .....	.8	.7	.9	.8	.6
Miscellaneous	2.4	2.3	2.4	2.5	2.5
Cash contributions	2.9	2.1	2.9	3.3	2.9
Personal insurance and pensions	9.3	9.1	9.3	8.9	9.8
Life and other personal insurance	1.1	1.1	1.1	1.3	.8
Pensions and Social Security	8.2	8.1	8.2	7.6	9.0

¹ Components of income and taxes are derived from "complete income reporters" only; see glossary.

Table 42. Shares of average annual expenditures and characteristics of all consumer units classified by origin of the reference person, Consumer Expenditure Survey, 1987 and 1997

Item	All consumer units	Hispanic	Non-Hispanic		
			Total Non-Hispanic	Non-Hispanic less Afro-American	Afro-American
1987					
Number of consumer units (in thousands)	94,150	4,954	89,196	80,421	8,774
Consumer unit characteristics:					
Income before taxes ¹	\$27,326	\$21,897	\$27,635	\$28,750	\$17,121
Age of reference person	47.0	41.0	47.4	47.6	45.7
Average number in consumer unit:					
Persons	2.6	1.3	2.5	.6	2.8
Children under 18 .....	.7	3.4	.7	2.5	1.0
Persons 65 and over .....	.3	.1	1.4	1.4	.2
Earners	1.4	1.5	.3	.3	1.2
Vehicles	2.0	1.6	2.0	2.1	1.2
Percent homeowner	63	39	64	66	45
Average annual expenditures	\$24,413	\$20,890	\$24,609	\$25,515	\$16,361
Percent distribution	100.0	100.0	100.0	100.0	100.0
Food	15.0	17.5	14.9	14.8	16.2
Food at home	8.6	11.4	8.5	8.3	11.1
Cereals and bakery products	1.2	1.5	1.2	1.2	1.5
Meats, poultry, fish, and eggs	2.3	3.4	2.3	2.2	3.9
Dairy products	1.1	1.4	1.1	1.1	1.2
Fruits and vegetables	1.5	2.1	1.4	1.4	1.9
Other food at home	2.3	3.0	2.4	2.4	2.6
Food away from home	6.4	6.1	6.4	6.5	5.1
Alcoholic beverages	1.2	1.2	1.2	1.2	.9
Housing	30.4	32.4	30.3	30.1	32.3
Shelter	16.4	19.3	16.2	16.2	16.8
Owned dwellings	9.7	8.2	9.8	10.0	6.8
Rented dwellings	5.5	10.7	5.3	5.0	9.6
Other lodging	1.1	.4	1.2	1.2	.4
Utilities, fuels, and public services	6.8	6.9	6.8	6.6	9.8
Household operations	1.5	1.0	1.5	1.6	1.2
Housekeeping supplies	1.4	1.8	1.4	1.4	1.3
Household furnishings and equipment	4.2	3.4	4.3	4.4	3.1
Apparel and services	5.9	6.4	5.9	5.8	7.9
Transportation	18.8	19.3	18.8	18.8	18.8
Vehicle purchases (net outlay)	8.3	8.2	8.3	8.3	7.7
Gasoline and motor oil	3.6	4.1	3.6	3.6	4.0
Other vehicle expenses	5.8	5.8	5.8	5.8	5.9
Public transportation	1.1	1.2	1.1	1.1	1.2
Health care	4.6	3.5	4.7	4.8	3.8
Entertainment	4.9	3.9	4.9	5.1	3.2
Personal care products and services	1.4	1.3	1.4	1.3	1.7
Reading .....	.6	.4	.6	.6	.4
Education	1.4	1.6	1.4	1.4	1.0
Tobacco products and smoking supplies	1.0	.7	1.0	1.0	1.1
Miscellaneous	2.9	2.3	3.0	2.9	3.2
Cash contributions	3.0	1.9	3.1	3.2	1.9
Personal insurance and pensions	8.9	7.7	9.0	9.1	7.5
Life and other personal insurance	1.2	.6	1.2	1.2	1.6
Pensions and Social Security	7.7	7.0	7.7	7.9	5.8

See footnote at end of table.

Table 42. Shares of average annual expenditures and characteristics of all consumer units classified by origin of the reference person, Consumer Expenditure Survey, 1987 and 1997—Continued

Item	All consumer units	Hispanic	Non-Hispanic		
			Total Non-Hispanic	Non-Hispanic less Afro-American	Afro-American
1997					
Number of consumer units (in thousands)	105,576	8,905	96,670	86,130	10,540
Consumer unit characteristics:					
Income before taxes ¹	\$39,926	\$29,976	\$40,907	\$42,381	\$28,323
Age of reference person	47.7	42.0	48.3	48.6	45.0
Average number in consumer unit:					
Persons	2.5	3.4	2.4	2.4	2.7
Children under 18 .....	.7	1.3	.6	.6	1.0
Persons 65 and over .....	.3	.2	.3	.3	.2
Earners	1.3	1.6	1.3	1.3	1.2
Vehicles	2.0	1.7	2.0	2.1	1.2
Percent homeowner	64	47	65	68	44
Average annual expenditures	\$34,819	\$29,333	\$35,325	\$36,568	\$25,332
Percent distribution	100.0	100.0	100.0	100.0	100.0
Food	13.8	16.6	13.6	13.6	14.1
Food at home	8.3	11.5	8.0	7.9	10.0
Cereals and bakery products	1.3	1.6	1.3	1.3	1.5
Meats, poultry, fish, and eggs	2.1	3.6	2.0	1.9	3.5
Dairy products .....	.9	1.2	.9	.9	.8
Fruits and vegetables	1.4	2.1	1.3	1.3	1.6
Other food at home	2.6	3.0	2.5	2.5	2.6
Food away from home	5.5	5.1	5.5	5.7	4.1
Alcoholic beverages .....	.9	.7	.9	.9	.5
Housing	32.4	33.8	32.3	32.0	35.0
Shelter	18.2	19.8	18.1	18.0	19.4
Owned dwellings	11.3	9.1	11.5	11.7	8.4
Rented dwellings	5.7	10.1	5.4	4.9	10.4
Other lodging	1.2	.5	1.3	1.3	.6
Utilities, fuels, and public services	6.9	7.4	6.9	6.6	9.8
Household operations	1.6	1.1	1.6	1.6	1.4
Housekeeping supplies	1.3	1.4	1.3	1.3	1.1
Household furnishings and equipment	4.3	4.2	4.4	4.5	3.2
Apparel and services	5.0	6.7	4.8	4.7	6.5
Transportation	18.5	19.0	18.5	18.4	19.3
Vehicle purchases (net outlay)	7.9	8.1	7.8	7.8	8.6
Gasoline and motor oil	3.2	3.7	3.1	3.1	3.1
Other vehicle expenses	6.4	6.1	6.4	6.4	6.5
Public transportation	1.1	1.2	1.1	1.1	1.0
Health care	5.3	4.0	5.4	5.5	4.1
Entertainment	5.2	3.9	5.3	5.5	3.4
Personal care products and services	1.5	1.6	1.5	1.4	2.5
Reading .....	.5	.2	.5	.5	.3
Education	1.6	1.6	1.6	1.7	.9
Tobacco products and smoking supplies .....	.8	.4	.8	.8	.7
Miscellaneous	2.4	2.4	2.4	2.5	2.2
Cash contributions	2.9	1.4	3.0	3.0	2.5
Personal insurance and pensions	9.3	7.8	9.4	9.5	8.1
Life and other personal insurance	1.1	.7	1.1	1.1	1.3
Pensions and Social Security	8.2	7.1	8.2	8.4	6.8

¹ Components of income and taxes are derived from "complete income reporters" only; see glossary.

Table 43. Number of earners in families by type of family, selected years, 1990-98
(In thousands)

Characteristic	1990	1994	1995	1996	1997	1998
Total, all families	66,623	69,211	69,971	70,174	70,840	71,443
Married-couple families	52,385	53,246	53,927	53,621	53,654	54,361
No earners	6,812	7,280	7,227	7,278	7,148	7,289
One earner	11,748	11,842	11,772	11,739	11,556	11,728
Husband	9,212	8,745	8,719	8,821	8,671	8,792
Wife	1,840	2,411	2,372	2,253	2,214	2,302
Other family member	695	687	681	664	671	634
Two earners	26,011	26,957	27,472	27,361	27,474	27,935
Husband and wife	23,929	24,806	25,377	25,478	25,536	25,959
Husband and other family member	1,657	1,540	1,533	1,365	1,443	1,412
Husband is not an earner	425	612	562	518	496	564
Three earners or more	7,815	7,166	7,455	7,243	7,476	7,409
Husband and wife	6,950	6,496	6,748	6,582	6,870	6,805
Husband is an earner, not wife	716	511	516	514	456	441
Families maintained by women ¹	11,309	12,974	12,768	12,998	13,269	13,112
No earner	2,510	3,111	2,855	2,679	2,586	2,342
One earner	5,530	6,495	6,581	6,868	7,112	7,146
Householder	4,468	5,367	5,495	5,627	5,906	5,903
Other family member	1,063	1,128	1,086	1,211	1,205	1,243
Two earners or more	3,268	3,368	3,332	3,452	3,572	3,623
Householder and other family member(s)	2,903	3,049	3,044	3,156	3,341	3,332
Householder is not an earner	365	319	289	296	230	291
Families maintained by men ¹	2,929	2,992	3,276	3,555	3,916	3,970
No earner	281	332	382	357	359	346
One earner	1,376	1,615	1,705	1,821	1,982	2,106
Householder	1,127	1,372	1,437	1,568	1,683	1,806
Other family member	249	242	268	253	298	301
Two earners or more	1,272	1,045	1,189	1,377	1,576	1,518
Householder and other family member(s)	1,201	983	1,118	1,278	1,454	1,413
Householder is not an earner	72	63	71	98	122	105

¹ Families maintained by widowed, divorced, separated, or single persons.

NOTE: Data on the number and type of families are collected in March of the subsequent year. Earner status refers to the preceding calendar year. The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

Table 44. Employment Cost Index for benefit costs, annual averages¹ 1980-98

Year	Civilian workers	State and local government workers	Private industry workers					
			All private industry workers	White-collar workers	Blue-collar workers	Goods-producing workers	Service-producing workers	Manufacturing workers
1980	—	—	57.3	56.5	58.6	58.4	56.4	57.8
1981	—	—	64.7	63.8	66.1	66.2	63.3	65.6
1982	68.4	—	69.4	68.2	71.3	71.5	67.5	70.7
1983	74.0	—	75.1	73.7	77.1	77.2	73.2	76.4
1984	79.3	—	80.3	79.4	81.7	81.8	79.0	81.1
1985	83.1	—	83.8	83.3	84.5	85.1	82.5	84.6
1986	86.2	—	86.6	86.4	87.0	87.6	85.7	86.9
1987	89.2	—	89.3	89.3	89.5	89.8	89.0	88.6
1988	95.0	—	95.1	94.5	96.0	96.0	94.3	95.3
1989	100.9	—	100.6	100.6	100.7	100.7	100.6	100.6
1990	108.0	110.0	107.5	107.8	107.2	107.9	107.2	107.6
1991	114.4	115.6	114.1	114.4	113.6	114.6	113.7	114.0
1992	120.5	120.9	120.4	120.2	120.5	121.5	119.5	120.9
1993	126.7	125.5	127.0	126.3	127.5	129.2	125.1	128.8
1994	131.5	129.3	132.1	132.0	131.8	134.1	130.3	133.3
1995	134.8	132.7	135.3	132.1	133.9	136.3	134.2	135.7
1996	137.2	135.7	137.7	138.8	136.1	138.7	136.6	138.7
1997	139.9	137.9	140.5	141.9	138.2	140.9	139.7	141.0
1998	143.4	141.2	144.0	146.0	140.5	142.5	144.2	142.3
								144.3

¹ The annual average is the average for the four quarters of the year.

Dash indicates data not available.

Table 45. Percent of full-time employees participating in employer-provided benefit plans and in selected features within plans, medium and large private establishments, selected years 1984-97

Item	1984	1986	1988	1989	1991	1993	1995	1997
Scope of survey (in 000's)	21,013	21,303	31,059	32,428	31,163	28,728	33,374	38,409
Number of employees (in 000's):								
With medical care	20,383	20,238	27,953	29,834	25,865	23,519	25,546	29,340
With life insurance	20,172	20,451	28,574	30,482	29,293	26,175	29,078	33,495
With defined benefit plan	17,231	16,190	19,567	20,430	18,386	16,015	17,417	19,202
Time-off plans								
Participants with:								
Paid lunch time	9	10	11	10	8	9	—	—
Average minutes per day	26	27	29	26	30	29	—	—
Paid rest time	73	72	72	71	67	68	—	—
Average minutes per day	26	26	26	26	28	26	—	—
Paid funeral leave	—	88	85	84	80	83	80	81
Average days per occurrence	—	3.2	3.2	3.3	3.3	3.0	3.3	3.7
Paid holidays	99	99	96	97	92	91	89	89
Average days per year ¹	9.8	10.0	9.4	9.2	10.2	9.4	9.1	9.3
Paid personal leave	23	25	24	22	21	21	22	20
Average days per year	3.6	3.7	3.3	3.1	3.3	3.1	3.3	3.5
Paid vacations	99	100	98	97	96	97	96	95
Paid sick leave ²	67	70	69	68	67	65	58	56
Unpaid maternity leave	—	—	33	37	37	60	—	—
Unpaid paternity leave	—	—	16	18	26	53	—	—
Unpaid family leave	—	—	—	—	—	—	84	93
Insurance plans								
Participants in medical care plans	97	95	90	92	83	82	77	76
Percent of participants with Coverage for:								
Home health care	46	66	76	75	81	86	78	85
Extended care facilities	62	70	79	80	80	82	73	78
Physical exams	8	18	28	28	30	42	56	63
Percent of participants with employee contribution required for:								
Self coverage	36	43	44	47	51	61	67	69
Average monthly contribution	\$11.93	\$12.80	\$19.29	\$25.31	\$26.60	\$31.55	\$33.92	\$39.14
Family coverage	58	63	64	66	69	76	78	80
Average monthly contribution	\$35.93	\$41.40	\$60.07	\$72.10	\$96.97	\$107.42	\$118.33	\$130.07
Participants in life insurance plans	96	96	92	94	94	91	87	87
Percent of participants with:								
Accidental death and dismemberment insurance	74	72	78	71	71	76	77	74
Survivor income benefits	—	10	8	7	6	5	7	6
Retiree protection available	64	59	49	42	44	41	37	33
Participants in long-term disability insurance plans	47	48	42	45	40	41	42	43
Participants in sickness and accident insurance plans	51	49	46	43	45	44	—	—
Participants in short-term disability plans ³	—	—	—	—	—	—	53	55
Retirement plans								
Participants in defined benefit pension plans	82	76	63	63	59	56	52	50
Percent of participants with:								
Normal retirement prior to age 65	63	64	59	62	55	52	52	52
Early retirement available	97	98	98	97	98	95	96	95
Ad hoc pension increase in last 5 years	47	35	26	22	7	6	4	10
Terminal earnings formula	54	57	55	64	56	61	58	56
Benefit coordinated with Social Security	56	62	62	63	54	48	51	49
Participants in defined contributions plans	—	60	45	48	48	49	55	57
Participants in plans with tax deferred savings arrangements	—	33	36	41	44	43	54	55
Other benefits								
Employees eligible for:								
Flexible benefits plans	—	2	5	9	10	12	12	13
Reimbursement accounts ³	—	5	12	23	36	52	38	32
Premium conversion plans ⁴	—	—	—	—	—	—	5	7

¹ Methods used to calculate the average number of paid holidays were revised in 1995 to count partial days more precisely. Average holidays for 1995 and 1997 are not comparable to those reported in 1991 and 1993.

² See footnote 1, table 48.

³ Prior to 1995, reimbursement accounts that were part of flexible benefit plans were tabulated separately.

⁴ Included in reimbursement accounts prior to 1995.

NOTE: Dash indicates data not available.

Table 46. Percent of full-time employees participating in employer-provided benefit plans and in selected features within plans, small private establishments and State and local governments, selected years 1987-96

Item	Small private establishments			State and local governments governments			
	1992	1994	1996	1987	1990	1992	1994
Scope of survey (in 000's).....	34,360	35,910	39,816	10,321	12,972	12,466	12,907
Number of employees (in 000's):							
With medical care	24,396	23,536	25,599	9,599	12,064	11,219	11,192
With life insurance	21,990	21,955	24,635	8,773	11,415	11,095	11,194
With defined benefit plan	7,559	5,480	5,883	9,599	11,675	10,845	11,708
Time-off plans							
Participants with:							
Paid lunch time	9	—	—	17	11	10	—
Average minutes per day	37	—	—	34	36	34	—
Paid rest time	49	—	—	58	56	53	—
Average minutes per day	26	—	—	29	29	29	—
Paid funeral leave	50	50	51	56	63	65	62
Average days per occurrence	3.0	3.1	3.0	3.7	3.7	3.7	3.7
Paid holidays	82	82	80	81	74	75	73
Average days per year ¹	9.2	7.5	7.6	10.9	13.6	14.2	11.5
Paid personal leave	12	13	14	38	39	38	38
Average days per year	2.6	2.6	3.0	2.7	2.9	2.9	3.0
Paid vacation	88	88	86	72	67	67	66
Paid sick leave ²	53	50	50	97	95	95	94
Unpaid leave	18	—	—	57	51	59	—
Unpaid paternity leave	8	—	—	30	33	44	—
Unpaid family leave	—	47	48	—	—	—	93
Insurance plans							
Participants in medicalcare plans	71	66	64	93	93	90	87
Percent of participants with coverage for:							
Home health care	80	—	—	76	82	87	84
Extended care facilities	84	—	—	78	79	84	81
Physical exam	28	—	—	36	36	47	55
Percent of participants with employee contribution required for:							
Self coverage	47	52	52	35	38	43	47
Average monthly contribution	\$36.51	\$40.97	\$42.63	\$15.74	\$25.53	\$28.97	\$30.20
Family coverage	73	76	75	71	65	72	71
Average monthly contribution	\$150.54	\$159.63	\$181.53	\$71.89	\$117.59	\$139.23	\$149.70
Participants in life insurance plans	64	61	62	85	88	89	87
Percent of participants with:							
Accidental death and dismemberment insurance	76	79	77	67	67	74	64
Survivor income benefits	1	2	1	1	1	1	2
Retiree protection available	25	20	13	55	45	46	46
Participants in long-term disability insurance plans	23	20	22	31	27	28	30
Participants in sickness and accident insurance plans	26	26	—	14	21	22	21
Participants in short-term disability plans ³	—	—	29	—	—	—	—
Retirement plans							
Participants in defined benefit pension plans	22	15	15	93	90	87	91
Percent of participants with:							
Normal retirement prior to age 65	50	—	47	92	89	92	92
Early retirement available	95	—	92	90	88	89	87
Ad hoc pension increase in last 5 years	4	—	—	33	16	10	13
Terminal earnings formula	54	—	53	100	100	100	99
Benefit coordinated with Social Security	46	—	44	18	8	10	49
Participants in defined contributions plans	33	34	38	9	9	9	9
Participants in plans with tax deferred savings arrangements	24	23	28	28	45	45	24
Other Benefits							
Employees eligible for:							
Flexible benefits plans	2	3	4	5	5	5	5
Reimbursement accounts ³	14	19	12	5	31	50	64
Premium conversion plans ⁴	—	—	7	—	—	—	—

¹ Methods used to calculate the average number of paid holidays were revised in 1994 to count partial days more precisely. Average holidays for 1994 are not comparable to those reported in 1990 and 1992.

² See footnote 1, table 48.

³ Prior to 1996, reimbursement accounts that were part of flexible benefit plans were tabulated separately.

⁴ Included in reimbursement accounts prior to 1996.

NOTE: Dash indicates data not available.

Table 47. Percent of employees participating in or eligible for selected benefits by private and public sectors and full- and part-time status, United States, 1994-95

Item	All employees	Private sector employees	Public sector employees	Full-time employees	Part-time employees
Scope of survey (in 000s)	103,721	88,828	14,893	82,190	21,531
Participants with:					
Paid:					
Holidays	73	74	68	84	32
Vacations	77	80	60	88	36
Personal leave	18	15	35	20	8
Funeral leave	56	55	58	64	24
Jury duty leave	66	62	88	75	33
Sick leave ¹	50	44	86	59	15
Unpaid:					
Family leave	62	58	89	69	36
Short-term disability coverage ¹	33	35	20	38	16
Long-term disability insurance	25	25	27	31	3
Medical care	61	58	79	73	13
Dental care	37	34	58	45	9
Life insurance	63	60	80	76	13
All retirement ²	57	51	91	66	23
Defined benefit pension	36	28	86	42	15
Defined contribution ³	33	37	9	39	12
Types of plans:					
Savings and thrift	21	24	2	24	6
Deferred profit sharing	10	11	-	11	4
Employee stock ownership	2	3	-	3	-
Money purchase pension	5	5	6	6	2
Employees eligible for:					
Flexible benefits plans	6	6	5	7	2
Reimbursement accounts	-	-	-	-	-
Severance pay	22	21	27	26	7
Supplemental unemployment benefits	1	2	(⁴)	2	(⁴)
Employer assistance for child care	5	4	9	5	3
Long-term care insurance	3	3	3	3	2
Wellness programs	19	16	32	22	7
Employee assistance programs	36	31	65	41	19
Job-related travel accident assistance	22	23	13	24	12
Nonproduction bonuses	37	38	31	42	19
Job-related educational assistance	46	44	60	53	24
Non-job-related educational assistance	11	10	18	13	5

¹ The definitions for paid sick leave and short-term-disability (previously sickness and accident insurance) were changed for the 1996 survey. Paid sick leave now only includes plans that either specify a maximum number of days per year or unlimited days. Short-term disability now includes all insured, self-insured, and State-mandated plans available on a per disability basis as well as the unfunded per disability plans previously reported as sick leave. Sickness and accident insurance, reported in years prior to this survey, only included insured, self-insured, and State-mandated plans providing per disability benefits at less than full pay.

² Includes defined benefit pension and defined contribution retirement plans. The total is less than the sum of the individuals items because some employees participated in more than one plan.

³ The total is less than the sum of the individuals items because some employees participated in more than one plan.

⁴ Less than 0.5 percent.

NOTE: Dash indicates no data available or no employees in this category.

Table 48. Fatal occupational injuries and employment by event or exposure, 1992-97

Event or exposure ¹	Fatalities			
	1992-96 average	1996 ²	1997	
		Number	Number	Percent
Total	6,331	6,202	6,218	100
Transportation incidents	2,587	2,601	2,599	42
Highway	1,287	1,346	1,387	22
Collision between vehicles, mobile equipment	640	667	639	10
Moving in same direction	104	96	103	2
Moving in opposite directions, oncoming	228	220	229	4
Moving in intersection	125	153	142	2
Vehicle struck stationary object or equipment	231	243	280	5
Noncollision	343	352	384	6
Jackknifed or overturned—no collision	250	266	295	5
Nonhighway (farm, industrial premises)	400	374	377	6
Overturned	213	206	216	3
Aircraft	334	324	261	4
Worker struck by a vehicle	369	353	367	6
Water vehicle	106	119	109	2
Railway	78	74	93	1
Assaults and violent acts	1,275	1,165	1,103	18
Homicides	1,032	927	856	14
Shooting	839	761	705	11
Stabbing	78	80	73	1
Other, including bombing	115	86	78	1
Self-inflicted injuries	213	204	212	3
Contact with objects and equipment	998	1,010	1,034	17
Struck by object	568	582	578	9
Struck by falling object	365	403	384	6
Struck by flying object	69	58	53	1
Caught in or compressed by equipment or objects	289	285	320	5
Caught in running equipment or machinery	147	146	189	3
Caught in or crushed in collapsing materials	122	131	118	2
Falls	645	691	715	11
Fall to lower level	562	610	652	10
Fall from ladder	87	97	116	2
Fall from roof	130	149	154	2
Fall from scaffold	79	88	87	1
Fall on same level	56	52	44	1
Exposure to harmful substances or environments	596	533	550	9
Contact with electric current	327	281	297	5
Contact with overhead powerlines	128	116	138	2
Contact with temperature extremes	42	33	40	1
Exposure to caustic, noxious, or allergenic substance	121	123	123	2
Inhalation of substances	75	76	59	1
Oxygen deficiency	105	95	87	1
Drowning, submersion	81	70	70	1
Fires and explosions	193	185	196	3
Other events or exposures³	37	17	21	—

¹ Based on the 1992 BLS Occupational Injury and Illness Classification Structures.

² The BLS news release issued August 7, 1997, reported a total of 6,112 fatal work injuries for calendar year 1996. Since then, an additional 90 job-related fatalities were identified, bringing the total job-related fatality count for 1996 to 6,202.

³ Includes the category "Bodily reaction and exertion."

NOTE: Totals for major categories may include subcategories not shown separately. Percentages may not add to totals because of rounding. Dashes indicate less than 0.5 percent or data that are not available or that do not meet publication criteria.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries, 1992-1997.

Table 49. Number, percent distribution, employment, and rate of fatal occupational injuries by occupation, 1997

Occupation ¹	Fatalities		Employment ² (in thousands)	Fatalities Per 100,000 employed ³
	Number	Percent		
Total	6,218	100	130,810	4.7
Managerial and professional specialty	667	11	37,686	1.8
Executive, administrative, and managerial	417	7	18,440	2.3
Professional specialty	250	4	19,245	1.3
Technical, sales, and administrative support	733	12	38,309	1.9
Technicians and related support occupations	172	3	4,214	4.1
Airplane pilots and navigators	100	2	120	83.3
Sales occupations	458	7	15,734	2.9
Supervisors and proprietors, sales occupations	223	4	4,635	4.8
Sales workers, retail and personal services	182	3	6,887	2.6
Cashiers	84	1	3,007	2.8
Administrative support occupations, including clerical	103	2	18,361	.6
Service occupations	492	8	17,537	2.8
Protective service occupations	283	5	2,300	12.3
Firefighting and fire prevention occupations, including supervisors	49	1	268	18.3
Police and detectives, including supervisors	156	3	1,113	14.0
Guards, including supervisors	78	1	920	8.5
Farming, forestry, and fishing	923	15	3,503	25.9
Farm occupations	615	10	2,177	27.5
Forestry and logging occupations	128	2	108	118.5
Timber cutting and logging occupations	110	2	79	139.2
Fishers, hunters, and trappers	60	1	49	122.4
Fishers, including vessel captains and officers	58	1	47	123.4
Precision production, craft, and repair	1,094	18	14,124	7.7
Mechanics and repairers	325	5	4,675	7.0
Construction trades	593	10	5,378	11.0
Carpenters	98	2	1,335	7.3
Electricians	94	2	774	12.1
Painters	39	1	545	7.2
Roofers	55	1	200	27.5
Structural metal workers	45	1	66	68.2
Operators, fabricators, and laborers	2,161	35	18,399	11.7
Machine operators, assemblers, and inspectors	221	4	7,962	2.8
Transportation and material moving occupations	1,271	20	5,389	23.6
Motor vehicle operators	1,026	17	4,089	25.1
Truck drivers	857	14	3,075	27.9
Driver-sales workers	44	1	150	29.3
Taxicab drivers and chauffeurs	100	2	248	40.3
Material moving equipment operators	169	3	1,125	15.0
Handlers, equipment cleaners, helpers, and laborers	669	11	5,048	13.2
Construction laborers	333	5	811	41.1
Laborers, except construction	208	3	1,323	15.6
Military⁴	94	2	1,252	7.5

¹ Based on the 1990 Occupational Classification System developed by the Bureau of the Census.

² The employment figures, except for military, are annual average estimates of employed civilians, 16 years of age and older, from the Current Population Survey (CPS), 1997. The resident military figure, derived from resident and civilian population data from the Bureau of the Census, was added to the CPS employment total.

³ The rate represents the number of fatal occupational injuries per 100,000 employed workers and was calculated as follows: (N/W) x 100,000, where N = the number of fatal work injuries, and W = the number of employed workers. There were 21 fatally injured workers under the age of 16 years that were not included in the rate calculations to maintain consistency with the CPS employment.

⁴ Resident armed forces.

NOTE: Totals for major categories may include subcategories not shown separately. Percentages may not add to totals because of rounding. There were 64 fatalities for which there was insufficient information to determine an occupation classification.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries, 1997.

Table 50. Number, percent distribution, employment, and rate of fatal occupational injuries by Industry, 1997

Industry	SIC code ¹	Fatalities		Employment ² (in thousands)	Fatalities Per 100,000 employed ³
		Number	Percent		
Total		6,218	100	130,810	4.7
Private industry		5,594	90	111,417	5.0
Agriculture, forestry, and fishing		830	13	3,479	23.4
Agricultural production - crops	01	373	6	985	36.8
Agricultural production - livestock	02	182	3	1,205	14.8
Agricultural services	07	176	3	1,199	14.7
Mining		158	3	632	25.0
Coal mining	12	32	1	84	38.1
Oil and gas extraction	13	85	1	369	23.0
Construction		1,107	18	7,844	14.1
General building contractors	15	194	3	—	—
Heavy construction, except building	16	252	4	—	—
Special trades contractors	17	648	10	—	—
Manufacturing		743	12	20,765	3.6
Food and kindred products	20	78	1	1,697	4.6
Lumber and wood products	24	199	3	817	24.4
Transportation and public utilities		1,002	16	7,594	13.2
Local and interurban passenger transportation	41	106	2	551	19.2
Trucking and warehousing	42	569	9	2,560	22.2
Transportation by air	45	83	1	822	10.1
Electric, gas, and sanitary services	49	89	1	1,060	8.4
Wholesale trade		241	4	4,896	4.9
Retail trade		665	11	21,782	3.0
Food stores	54	189	3	3,643	5.1
Automotive dealers and service stations	55	115	2	2,217	5.2
Eating and drinking places	58	150	2	6,581	2.3
Finance, insurance, and real estate		97	2	8,080	1.2
Services		722	12	36,346	2.0
Business services	73	181	3	6,024	3.0
Automotive repair, services, and parking	75	109	2	1,623	6.7
Government⁴		624	10	19,393	3.2
Federal (including resident armed forces)		162	3	4,461	3.6
State		127	2	5,031	2.5
Local		331	5	9,901	3.3
Police protection	9221	113	2	—	—

¹ Standard Industrial Classification Manual, 1987 Edition.

² The employment is an annual average of employed civilians 16 years of age and older, plus resident armed forces, from the Current Population Survey, 1996.

³ The rate represents the number of fatal occupational injuries per 100,000 employed workers and was calculated as follows: (N/W) x 100,000, where N = the number of fatal work injuries, and W = the number of employed workers. There were 21 fatally injured workers under the age of 16 years that were not included in the rate calculations to maintain consistency with the CPS employment.

⁴ Includes fatalities to workers employed by governmental organizations regardless of industry.

NOTE: Totals for major categories may include subcategories not shown separately. Percentages may not add to totals because of rounding. There were 31 fatalities for which there was insufficient information to determine a specific industry classification, though a distinction between private sector and government was made for each.

Dashes indicate data that are not available or that do not meet publication criteria.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries, 1997.

Table 51. Number, percent distribution, employment, and rate of fatal occupational injuries by selected worker characteristics, 1997

Characteristics	Fatalities		Employment ¹ (in thousands)	Fatalities Per 100,000 employed ²
	Number	Percent		
Total	6,218	100	130,810	4.7
Employee status				
Wage and salary workers	4,959	80	120,126	4.1
Self-employed ³	1,259	20	10,684	11.6
Sex				
Men	5,743	92	70,769	8.1
Women	475	8	60,041	.8
Age⁴				
Under 16 years	21	—	—	—
16 to 17 years	41	1	2,650	1.5
18 to 19 years	113	2	4,102	2.8
20 to 24 years	503	8	12,758	3.9
25 to 34 years	1,319	21	32,288	4.1
35 to 44 years	1,520	24	36,174	4.2
45 to 54 years	1,298	21	26,780	4.8
55 to 64 years	870	14	12,297	7.1
65 years and over	519	8	3,761	13.8
Race				
White	5,098	82	110,819	4.6
Black	676	11	14,211	4.8
Asian or Pacific Islander	189	3	—	—
American Indian, Aleut, Eskimo	35	1	—	—
Other or not reported	220	4	—	—
Hispanic origin				
Hispanic ⁵	656	11	12,813	5.1

¹ The employment is an annual average of employed civilians 16 years of age and older, plus resident armed forces, from the Current Population Survey, 1997.

² The rate represents the number of fatal occupational injuries per 100,000 employed workers and was calculated as follows: (N/W) x 100,000, where N = the number of fatal work injuries, and W = the number of employed workers. There were 21 fatally injured workers under the age of 16 years that were not included in the rate calculations to maintain consistency with the CPS employment.

³ Includes paid and unpaid family workers and may include owners of incorporated businesses or members of partnerships.

⁴ There were 14 fatalities for which age was not reported.

⁵ Persons identified as Hispanic may be of any race. Hispanic employment does not include resident armed forces.

NOTE: Totals may include subcategories not shown separately. Percentages may not add to totals because of rounding. Dashes indicate less than 0.5 percent or data that are not available or that do not meet publication criteria.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries, 1997.

Table 52. Number of nonfatal occupational injury and illness cases involving days away from work¹ by selected occupation and industry division, 1996

(In thousands)

Occupation	Private industry ²	Goods producing				Service producing				Services
		Agriculture, forestry, and fishing ²	Mining	Construction	Manufacturing	Transportation and public utilities ²	Wholesale trade	Retail trade	Finance, insurance, and real estate	
Total	1,880.5	38.3	15.1	182.3	462.2	224.0	144.7	322.0	42.8	449.0
Truckdrivers	152.8	1.3	1.0	5.0	13.1	80.8	26.8	14.5	.2	10.0
Laborers, nonconstruction	108.5	1.2	1.6	-	37.7	6.9	29.1	16.7	1.9	13.5
Nursing aides, orderlies	93.6	-	-	-	-	-	-	-	.5	93.1
Janitors and cleaners	46.9	.5	(4)	.3	7.3	1.2	1.2	6.7	6.5	23.3
Assemblers	44.0	.1	-	.6	39.2	.1	1.5	.7	-	1.7
Construction laborers	43.7	-	-	42.9	.2	.3	-	-	.1	.2
Carpenters	33.5	-	(4)	25.9	3.1	.1	.6	1.9	.4	1.5
Stock handlers and baggers	31.9	.1	(4)	(4)	2.0	.3	3.2	25.7	-	.6
Cashiers	30.9	-	-	-	.1	.1	.4	27.7	.2	2.4
Cooks	30.7	-	-	.3	.2	.1	.1	19.6	.2	10.1
Miscellaneous food preparation	28.9	-	-	-	.2	(4)	-	20.6	.2	7.8
Registered nurses	28.9	-	-	-	(4)	(4)	-	-	(4)	28.7
Maids and housemen	27.2	-	(4)	-	.1	.1	-	.1	1.1	25.8
Supervisors and proprietors	26.9	-	-	.2	.4	.1	2.6	21.9	.5	1.4
Welders and cutters	26.1	.1	.3	3.0	18.2	.9	2.3	-	-	1.4
Sales workers, other commodities	25.2	-	-	-	.2	.1	2.0	20.7	.3	1.8
Mechanics, automobile	21.0	-	-	.1	.4	.6	1.4	11.7	(4)	6.8
Shipping and receiving clerks	19.8	.1	-	.1	6.5	5.8	2.2	4.2	(4)	.9
Groundskeepers and gardeners, except farm	18.5	8.6	-	.2	.2	.4	.2	1.0	1.9	5.9
Driver-sales workers	17.5	-	-	.1	4.1	.6	8.6	2.9	-	1.3
Farm workers	16.0	14.0	.2	-	.3	.8	.6	-	(4)	-
Electricians	15.2	-	.4	10.4	2.5	.6	.1	-	(4)	1.0
Health aides, except nursing	14.8	-	-	-	-	-	-	-	.1	14.6
Plumbers and pipefitters	13.4	.1	-	9.4	1.9	.4	.8	.2	.1	.5
Industrial truck operators	13.2	.3	.4	.3	6.7	1.7	2.3	1.2	-	.3
Guards and police, except public	13.1	-	(4)	-	.5	1.5	.2	1.5	.7	8.7
Packaging, filling machine operators	12.9	.1	-	-	11.4	-	1.1	.1	-	.1
Waiters and waitresses	12.5	-	-	-	(4)	.1	-	8.6	.1	3.7
Stock and inventory clerks ...	12.4	-	-	.1	2.5	.8	1.5	5.3	.1	2.1
Supervisors, production workers	12.2	.1	.1	-	8.7	.5	1.4	.6	.1	.6
Repairers, industrial machinery	11.9	-	1.4	.1	9.1	.3	.5	.1	(4)	.4
Licensed practical nurses	11.8	-	-	-	(4)	-	-	-	0.1	11.7

¹ Days-away-from-work cases include those which result in days away from work with or without restricted work activity.

² Excludes farms with fewer than 11 employees.

³ Data conforming to OSHA definitions for mining operators in coal, metal, and nonmetal mining and for employers in railroad transportation are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor; and by the Federal Railroad Administration, U.S. Department of Transportation. Independent mining contractors are excluded from the coal, metal, and nonmetal industries.

⁴ Less than 0.1.

NOTE: Dashes indicate data that are not available. Because of rounding and nonclassifiable responses, data may not sum to the totals.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor

Table 53. Percent distribution of nonfatal occupational injuries and illnesses involving days away from work¹ by selected worker characteristics and a number of days away from work, 1996

Characteristic	Total cases	Percent of cases involving							Median days away from work
		1 day	2 days	3 to 5 days	6 to 10 days	11 to 20 days	21 to 30 days	31 days or more	
Total [1,880,500 cases]	100.0	16.7	13.1	20.6	13.2	11.7	6.2	18.5	5
Sex:									
Men	100.0	16.6	12.8	20.0	13.1	11.8	6.4	19.1	6
Women	100.0	16.8	13.5	21.8	13.4	11.5	5.9	17.1	5
Age (in years)²:									
14 to 15	100.0	22.4	36.6	15.1	6.3	3.6	11.2	4.9	2
16 to 19	100.0	21.5	16.8	23.0	15.0	8.9	4.2	10.7	4
20 to 24	100.0	20.9	14.4	24.3	12.9	10.7	5.0	11.7	4
25 to 34	100.0	18.5	14.0	21.1	13.0	11.3	6.1	15.9	5
35 to 44	100.0	16.0	12.5	20.1	13.4	11.9	6.3	20.0	6
45 to 54	100.0	12.7	10.8	18.9	13.2	12.6	7.4	24.5	8
55 to 64	100.0	11.8	10.9	16.9	13.4	14.1	7.4	25.5	9
65 and over	100.0	9.6	11.1	17.2	13.2	11.9	7.1	29.9	10
Occupation:									
Managerial and professional specialty	100.0	20.1	16.3	23.5	12.6	9.4	4.6	13.4	4
Technical, sales, and administrative support	100.0	17.8	13.5	20.9	13.1	11.4	6.2	17.0	5
Service	100.0	15.8	13.8	24.1	13.8	11.9	5.8	14.8	5
Farming, forestry, and fishing	100.0	17.4	13.7	21.4	15.7	10.0	7.2	14.7	5
Precision production, craft, and repair	100.0	16.4	12.3	18.9	13.0	11.6	6.7	21.1	6
Operators, fabricators, and laborers ...	100.0	16.2	12.4	19.3	13.0	12.1	6.5	20.5	6
Length of service with employer:									
Less than 3 months	100.0	17.5	13.8	23.1	13.2	10.5	5.7	16.3	5
3 to 11 months	100.0	18.7	14.5	21.6	12.7	10.8	5.1	16.7	5
1 to 5 years	100.0	17.5	13.3	20.9	13.5	11.2	6.2	17.3	5
More than 5 years	100.0	14.0	11.7	18.7	13.3	13.1	7.2	22.0	7
Race or ethnic origin:									
White, non-Hispanic	100.0	17.0	13.5	20.3	13.1	11.6	6.3	18.2	5
Black, non-Hispanic	100.0	16.7	13.2	22.2	12.3	11.7	5.6	18.3	5
Hispanic	100.0	15.4	11.7	20.6	14.6	11.4	6.6	19.7	6
Asian or Pacific Islander	100.0	19.2	13.6	20.0	13.3	10.5	6.4	17.0	5
American Indian or Alaskan Native	100.0	20.0	13.5	23.3	11.7	11.1	5.8	14.5	4

¹ Days-away-from-work cases include those which result in days away from work with or without restricted work activity.

² Information is not shown separately in this release for injured workers under age 14; they accounted for fewer than 50 cases.

NOTE: Because of rounding, percentages may not add to 100.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor

Table 54. Incidence rates and number of cases of nonfatal occupational injuries and illnesses,
private industry, 1973-97

Year ¹	Injury incidence rate ²			Number (In thousands)				
	Total cases	Lost workday cases		Cases without lost workdays	Total cases	Lost workday cases		
		Total ³	With days away from work ⁴			Total ³	With days away from work ⁴	
1973	11.0	3.4	-	7.5	6,078.7	1,908.0	-	4,165.0
1974	10.4	3.5	-	6.9	5,915.8	2,001.8	-	3,908.1
1975	9.1	3.3	3.2	5.8	4,983.1	1,825.2	1,730.5	3,152.6
1976	9.2	3.5	3.3	5.7	5,163.7	1,978.8	1,875.4	3,180.4
1977	9.3	3.8	3.6	5.5	5,460.3	2,203.6	2,092.1	3,250.6
1978 ⁵	9.4	4.1	3.8	5.3	5,799.4	2,492.0	2,327.5	3,302.0
1979 ⁵	9.5	4.3	4.0	5.2	6,105.7	2,757.7	2,553.5	3,342.3
1980	8.7	4.0	3.7	4.7	5,605.8	2,539.9	2,353.8	3,060.4
1981	8.3	3.8	3.5	4.5	5,404.4	2,457.5	2,269.2	2,941.8
1982	7.7	3.5	3.2	4.2	4,856.4	2,182.4	2,016.2	2,668.6
1983 ⁵	7.6	3.4	3.2	4.2	4,854.1	2,182.7	2,014.2	2,667.6
1984 ⁵	8.0	3.7	3.4	4.3	5,419.7	2,501.5	2,303.7	2,913.4
1985	7.9	3.6	3.3	4.3	5,507.2	2,537.0	2,319.2	2,965.9
1986	7.9	3.6	3.3	4.3	5,629.0	2,590.3	2,356.9	3,034.6
1987	8.3	3.8	3.4	4.4	6,035.9	2,801.6	2,483.9	3,230.6
1988	8.6	4.0	3.5	4.6	6,440.4	2,977.8	2,585.8	3,458.7
1989	8.6	4.0	3.4	4.6	6,576.3	3,073.9	2,624.2	3,497.9
1990	8.8	4.1	3.4	4.7	6,753.0	3,123.8	2,613.5	3,625.6
1991	8.4	3.9	3.2	4.5	6,345.7	2,944.2	2,398.4	3,398.3
1992 ⁶	8.9	3.9	3.0	5.0	6,799.4	2,953.4	2,331.1	3,846.0
1993 ⁶	8.5	3.8	2.9	4.8	6,737.4	2,967.4	2,252.5	3,770.0
1994 ⁶	8.4	3.8	2.8	4.6	6,766.9	3,061.0	2,236.6	3,705.9
1995 ⁶	8.1	3.6	2.5	4.4	6,575.4	2,972.1	2,040.9	3,603.2
1996 ⁶	7.4	3.4	2.2	4.1	6,238.9	2,832.5	1,880.6	3,406.4
1997 ⁶	7.1	3.3	2.1	3.8	6,145.6	2,866.2	1,833.4	3,279.4

¹ Data for 1973-75 are based on the Standard Industrial Classification Manual, 1967 Edition; data for 1976-87 are based on the Standard Industrial Classification Manual, 1972 Edition; and data for 1988-96 are based on the *Standard Industrial Classification Manual, 1987 Edition*.

² The incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: (N/EH) X 200,000, where:

N = number of injuries and illnesses
EH = total hours worked by all employees during the calendar year
200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

³ Total includes cases involving restricted work activity only in addition to days-away-from-work cases with or without restricted work activity.

⁴ Days-away-from-work cases include those which result in days away from work with or without restricted work activity.

⁵ To maintain historical comparability with the rest of the series, data for small nonfarm employers in low-risk industries who were not surveyed were imputed and included in the survey estimates.

⁶ Data for 1992-96 excluded fatal work-related injuries and illnesses.

NOTE: Because of rounding, components may not add to totals. Data for 1976-97 exclude farms with fewer than 11 employees.

- Indicates data not available

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor

Table 55. Unemployment for selected demographic groups, annual averages, 1948-98

(In thousands)

Year	Total unem-ployed	Men			Women			White	Black	Married men, spouse pre-sent	Women who main-tain families
		Total	16 to 19 years	20 years and over	Total	16 to 19 years	20 years and over				
1948	2,276	1,559	256	1,305	717	153	564	—	—	—	—
1949	3,637	2,572	353	2,219	1,065	223	841	—	—	—	—
1950	3,288	2,239	318	1,922	1,049	195	854	—	—	—	—
1951	2,055	1,221	191	1,029	834	145	689	—	—	—	—
1952	1,883	1,185	205	980	698	140	559	—	—	—	—
1953 ¹	1,834	1,202	184	1,019	632	123	510	—	—	—	—
1954	3,532	2,344	310	2,035	1,188	191	997	2,859	—	—	—
1955	2,852	1,854	274	1,580	998	176	823	2,252	—	972	—
1956	2,750	1,711	269	1,442	1,039	209	832	2,159	—	905	—
1957	2,859	1,841	300	1,541	1,018	197	821	2,289	—	982	—
1958	4,602	3,098	416	2,681	1,504	262	1,242	3,680	—	1,799	—
1959	3,740	2,420	398	2,022	1,320	256	1,063	2,946	—	1,296	—
1960 ¹	3,852	2,486	426	2,060	1,366	286	1,080	3,065	—	1,334	—
1961	4,714	2,997	479	2,518	1,717	349	1,368	3,743	—	1,676	—
1962 ¹	3,911	2,423	408	2,016	1,488	313	1,175	3,052	—	1,300	—
1963	4,070	2,472	501	1,971	1,598	383	1,216	3,208	—	1,235	—
1964	3,786	2,205	487	1,718	1,581	385	1,195	2,999	—	1,039	—
1965	3,366	1,914	479	1,435	1,452	395	1,056	2,691	—	883	—
1966	2,875	1,551	432	1,120	1,324	405	921	2,255	—	706	—
1967	2,975	1,508	448	1,060	1,468	391	1,078	2,338	—	685	70
1968	2,817	1,419	426	993	1,397	412	985	2,226	—	620	124
1969	2,832	1,403	440	963	1,429	413	1,015	2,260	—	582	130
1970	4,093	2,238	599	1,638	1,855	506	1,349	3,339	—	1,002	161
1971	5,016	2,789	693	2,097	2,227	568	1,658	4,085	—	1,255	236
1972 ¹	4,882	2,659	711	1,948	2,222	598	1,625	3,906	906	1,100	245
1973 ¹	4,365	2,275	653	1,624	2,089	583	1,507	3,442	846	916	249
1974	5,156	2,714	757	1,957	2,441	665	1,777	4,097	965	1,087	266
1975	7,929	4,442	966	3,476	3,486	802	2,684	6,421	1,369	2,063	401
1976	7,406	4,036	939	3,098	3,369	780	2,588	5,914	1,334	1,709	428
1977	6,991	3,667	874	2,794	3,324	789	2,535	5,441	1,393	1,462	422
1978 ¹	6,202	3,142	813	2,328	3,061	769	2,292	4,698	1,330	1,135	417
1979	6,137	3,120	811	2,308	3,018	743	2,276	4,664	1,319	1,134	425
1980	7,637	4,267	913	3,353	3,370	755	2,615	5,884	1,553	1,709	482
1981	8,273	4,577	962	3,615	3,696	800	2,895	6,343	1,731	1,766	579
1982	10,678	6,179	1,090	5,089	4,499	886	3,613	8,241	2,142	2,632	675
1983	10,717	6,260	1,003	5,257	4,457	825	3,632	8,128	2,272	2,634	706
1984	8,539	4,744	812	3,932	3,794	687	3,107	6,372	1,914	1,896	627
1985	8,312	4,521	806	3,715	3,791	661	3,129	6,191	1,864	1,767	651
1986 ¹	8,237	4,530	779	3,751	3,707	675	3,032	6,140	1,840	1,819	632
1987	7,425	4,101	732	3,369	3,324	616	2,709	5,501	1,684	1,625	613
1988	6,701	3,655	667	2,987	3,046	558	2,487	4,944	1,547	1,360	547
1989	6,528	3,525	658	2,867	3,003	536	2,467	4,770	1,544	1,276	558
1990 ¹	7,047	3,906	667	3,239	3,140	544	2,596	5,186	1,565	1,446	580
1991	8,628	4,946	751	4,195	3,683	608	3,074	6,560	1,723	1,875	663
1992	9,613	5,523	806	4,717	4,090	621	3,469	7,169	2,011	2,150	737
1993	8,940	5,055	768	4,287	3,885	597	3,288	6,655	1,844	1,899	731
1994 ¹	7,996	4,367	740	3,627	3,629	580	3,049	5,892	1,666	1,592	692
1995	7,404	3,983	744	3,239	3,421	602	2,819	5,459	1,538	1,424	624
1996	7,236	3,880	733	3,146	3,356	573	2,783	5,300	1,592	1,322	658
1997 ¹	6,739	3,577	694	2,882	3,162	577	2,585	4,836	1,560	1,167	684
1998 ¹	6,210	3,266	686	2,580	2,944	519	2,424	4,484	1,426	1,034	612

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

Dash indicates data not available.

Table 56. Unemployment rates for selected demographic groups, annual averages, 1948-98

(Percent)

Year	Total all workers	Men			Women			White	Black	Married men, spouse present	Women who maintain families
		Total	16 to 19 years	20 years and over	Total	16 to 19 years	20 years and over				
1948	3.8	3.6	9.8	3.2	4.1	8.3	3.6	—	—	—	—
1949	5.9	5.9	14.3	5.4	6.0	12.3	5.3	—	—	—	—
1950	5.3	5.1	12.7	4.7	5.7	11.4	5.1	—	—	—	—
1951	3.3	2.8	8.1	2.5	4.4	8.3	4.0	—	—	—	—
1952	3.0	2.8	8.9	2.4	3.6	8.0	3.2	—	—	—	—
1953 ¹	2.9	2.8	7.9	2.5	3.3	7.2	2.9	—	—	—	—
1954	5.5	5.3	13.5	4.9	6.0	11.4	5.5	5.0	—	—	—
1955	4.4	4.2	11.6	3.8	4.9	10.2	4.4	3.9	—	2.6	—
1956	4.1	3.8	11.1	3.4	4.8	11.2	4.2	3.6	—	2.3	—
1957	4.3	4.1	12.4	3.6	4.7	10.6	4.1	3.8	—	2.8	—
1958	6.8	6.8	17.1	6.2	6.8	14.3	6.1	6.1	—	5.1	—
1959	5.5	5.2	15.3	4.7	5.9	13.5	5.2	4.8	—	3.6	—
1960 ¹	5.5	5.4	15.3	4.7	5.9	13.9	5.1	5.0	—	3.7	—
1961	6.7	6.4	17.1	5.7	7.2	16.3	6.3	6.0	—	4.6	—
1962 ¹	5.5	5.2	14.7	4.6	6.2	14.6	5.4	4.9	—	3.6	—
1963	5.7	5.2	17.2	4.5	6.5	17.2	5.4	5.0	—	3.4	—
1964	5.2	4.6	15.8	3.9	6.2	16.6	5.2	4.6	—	2.8	—
1965	4.5	4.0	14.1	3.2	5.5	15.7	4.5	4.1	—	2.4	—
1966	3.8	3.2	11.7	2.5	4.8	14.1	3.8	3.4	—	1.9	—
1967	3.8	3.1	12.3	2.3	5.2	13.5	4.2	3.4	—	1.8	4.9
1968	3.6	2.9	11.6	2.2	4.8	14.0	3.8	3.2	—	1.6	4.4
1969	3.5	2.8	11.4	2.1	4.7	13.3	3.7	3.1	—	1.5	4.4
1970	4.9	4.4	15.0	3.5	5.9	15.6	4.8	4.5	—	2.6	5.4
1971	5.9	5.3	16.6	4.4	6.9	17.2	5.7	5.4	—	3.2	7.3
1972 ¹	5.6	5.0	15.9	4.0	6.6	16.7	5.4	5.1	10.4	2.8	7.2
1973 ¹	4.9	4.2	13.9	3.3	6.0	15.3	4.9	4.3	9.4	2.3	7.1
1974	5.6	4.9	15.6	3.8	6.7	16.6	5.5	5.0	10.5	2.7	7.0
1975	8.5	7.9	20.1	6.8	9.3	19.7	8.0	7.8	14.8	5.1	10.0
1976	7.7	7.1	19.2	5.9	8.6	18.7	7.4	7.0	14.0	4.2	10.1
1977	7.1	6.3	17.3	5.2	8.2	18.3	7.0	6.2	14.0	3.6	9.4
1978 ¹	6.1	5.3	15.8	4.3	7.2	17.1	6.0	5.2	12.8	2.8	8.5
1979	5.8	5.1	15.9	4.2	6.8	16.4	5.7	5.1	12.3	2.8	8.3
1980	7.1	6.9	18.3	5.9	7.4	17.2	6.4	6.3	14.3	4.2	9.2
1981	7.6	7.4	20.1	6.3	7.9	19.0	6.8	6.7	15.6	4.3	10.4
1982	9.7	9.9	24.4	8.8	9.4	21.9	8.3	8.6	18.9	6.5	11.7
1983	9.6	9.9	23.3	8.9	9.2	21.3	8.1	8.4	19.5	6.5	12.2
1984	7.5	7.4	19.6	6.6	7.6	18.0	6.8	6.5	15.9	4.6	10.3
1985	7.2	7.0	19.5	6.2	7.4	17.6	6.6	6.2	15.1	4.3	10.4
1986 ¹	7.0	6.9	19.0	6.1	7.1	17.6	6.2	6.0	14.5	4.4	9.8
1987	6.2	6.2	17.8	5.4	6.2	15.9	5.4	5.3	13.0	3.9	9.2
1988	5.5	5.5	16.0	4.8	5.6	14.4	4.9	4.7	11.7	3.3	8.1
1989	5.3	5.2	15.9	4.5	5.4	14.0	4.7	4.5	11.4	3.0	8.1
1990 ¹	5.6	5.7	16.3	5.0	5.5	14.7	4.9	4.8	11.4	3.4	8.3
1991	6.8	7.2	19.8	6.4	6.4	17.5	5.7	6.1	12.5	4.4	9.3
1992	7.5	7.9	21.5	7.1	7.0	18.6	6.3	6.6	14.2	5.1	10.0
1993	6.9	7.2	20.4	6.4	6.6	17.5	5.9	6.1	13.0	4.4	9.7
1994 ¹	6.1	6.2	19.0	5.4	6.0	16.2	5.4	5.3	11.5	3.7	8.9
1995	5.6	5.6	18.4	4.8	5.6	16.1	4.9	4.9	10.4	3.3	8.0
1996	5.4	5.4	18.1	4.6	5.4	15.2	4.8	4.7	10.5	3.0	8.2
1997 ¹	4.9	4.9	16.9	4.2	5.0	15.0	4.4	4.2	10.0	2.7	8.1
1998 ¹	4.5	4.4	16.2	3.7	4.6	12.9	4.1	3.9	8.9	2.4	7.2

¹ The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

Dash indicates data not available.

Table 57. Unemployed persons by duration and reason, annual averages, 1948-98

(Numbers in thousands)

Year	Total unem- ployed	Duration of unemployment					Reason for unemployment				
		Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over	Mean dura- tion (weeks)	Median dura- tion (weeks)	Job losers ¹	Job leavers	Reen- trants	New entrants
1948	2,276	1,300	669	193	116	8.6	-	-	-	-	-
1949	3,637	1,756	1,194	428	256	10.0	-	-	-	-	-
1950	3,288	1,450	1,055	425	357	12.1	-	-	-	-	-
1951	2,055	1,177	574	166	137	9.7	-	-	-	-	-
1952	1,883	1,135	516	148	84	8.4	-	-	-	-	-
1953 ²	1,834	1,142	482	132	78	8.0	-	-	-	-	-
1954	3,532	1,605	1,116	495	317	11.8	-	-	-	-	-
1955	2,852	1,335	815	366	336	13.0	-	-	-	-	-
1956	2,750	1,412	805	301	232	11.3	-	-	-	-	-
1957	2,859	1,408	891	321	239	10.5	-	-	-	-	-
1958	4,602	1,753	1,396	785	667	13.9	-	-	-	-	-
1959	3,740	1,585	1,114	469	571	14.4	-	-	-	-	-
1960 ²	3,852	1,719	1,176	503	454	12.8	-	-	-	-	-
1961	4,714	1,806	1,376	728	804	15.6	-	-	-	-	-
1962 ²	3,911	1,663	1,134	534	585	14.7	-	-	-	-	-
1963	4,070	1,751	1,231	535	553	14.0	-	-	-	-	-
1964	3,786	1,697	1,117	491	482	13.3	-	-	-	-	-
1965	3,366	1,628	983	404	351	11.8	-	-	-	-	-
1966	2,875	1,573	779	287	239	10.4	-	-	-	-	-
1967	2,975	1,634	893	271	177	8.7	2.3	1,229	438	945	396
1968	2,817	1,594	810	256	156	8.4	4.5	1,070	431	909	407
1969	2,832	1,629	827	242	133	7.8	4.4	1,017	436	965	413
1970	4,093	2,139	1,290	428	235	8.6	4.9	1,811	550	1,228	504
1971	5,016	2,245	1,585	668	519	11.3	6.3	2,323	590	1,472	630
1972 ²	4,882	2,242	1,472	601	566	12.0	6.2	2,108	641	1,456	677
1973 ²	4,365	2,224	1,314	483	343	10.0	5.2	1,694	683	1,340	649
1974	5,156	2,604	1,597	574	381	9.8	5.2	2,242	768	1,463	681
1975	7,929	2,940	2,484	1,303	1,203	14.2	8.4	4,386	827	1,892	823
1976	7,406	2,844	2,196	1,018	1,348	15.8	8.2	3,679	903	1,928	895
1977	6,991	2,919	2,132	913	1,028	14.3	7.0	3,166	909	1,963	953
1978 ²	6,202	2,865	1,923	766	648	11.9	5.9	2,585	874	1,857	885
1979	6,137	2,950	1,946	706	535	10.8	5.4	2,635	880	1,806	817
1980	7,637	3,295	2,470	1,052	820	11.9	6.5	3,947	891	1,927	872
1981	8,273	3,449	2,539	1,122	1,162	13.7	6.9	4,267	923	2,102	981
1982	10,678	3,883	3,311	1,708	1,776	15.6	8.7	6,268	840	2,384	1,185
1983	10,717	3,570	2,937	1,652	2,559	20.0	10.1	6,258	830	2,412	1,216
1984	8,539	3,350	2,451	1,104	1,634	18.2	7.9	4,421	823	2,184	1,110
1985	8,312	3,498	2,509	1,025	1,280	15.6	6.8	4,139	877	2,256	1,039
1986 ²	8,237	3,448	2,557	1,045	1,187	15.0	6.9	4,033	1,015	2,160	1,029
1987	7,425	3,246	2,196	943	1,040	14.5	6.5	3,566	965	1,974	920
1988	6,701	3,084	2,007	801	809	13.5	5.9	3,092	983	1,809	816
1989	6,528	3,174	1,978	730	646	11.9	4.8	2,983	1,024	1,843	677
1990 ²	7,047	3,265	2,257	822	703	12.0	5.3	3,387	1,041	1,930	688
1991	8,628	3,480	2,791	1,246	1,111	13.7	6.8	4,694	1,004	2,139	792
1992	9,613	3,376	2,830	1,453	1,954	17.7	8.7	5,389	1,002	2,285	937
1993	8,940	3,262	2,584	1,297	1,798	18.0	8.3	4,848	976	2,198	919
1994 ²	7,996	2,728	2,408	1,237	1,623	18.8	9.2	3,815	791	2,786	604
1995	7,404	2,700	2,342	1,085	1,278	16.6	8.3	3,476	824	2,525	579
1996	7,236	2,633	2,287	1,053	1,262	16.7	8.3	3,370	774	2,512	580
1997 ²	6,739	2,538	2,138	995	1,067	15.8	8.0	3,037	795	2,338	569
1998 ²	6,210	2,622	1,950	763	875	14.5	6.7	2,822	734	2,132	520

¹ Beginning January 1994 includes persons who completed temporary jobs.² The comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

Dash indicates data not available.

Table 58. Unemployment rates of persons 25 to 64 years of age by educational attainment and sex, March 1970-98
(Percent)

Year	Less than 4 years of high school	4 years of high school, only	College	
			1 to 3 years	4 years or more
TOTAL				
1970	4.6	2.9	2.9	1.3
1971	6.4	4.0	3.7	2.0
1972 ¹	5.8	3.9	3.5	2.0
1973 ¹	5.4	3.3	2.9	1.7
1974	5.3	3.4	3.4	1.7
1975	10.7	6.9	5.5	2.5
1976	8.6	6.1	5.2	2.4
1977	9.0	5.6	5.0	2.8
1978 ¹	7.4	4.5	3.3	2.2
1979	7.2	4.4	3.5	2.1
1980	8.4	5.1	4.3	1.9
1981	10.1	6.2	4.5	2.2
1982	12.5	8.5	6.4	3.0
1983	15.8	10.0	7.3	3.5
1984	12.1	7.2	5.3	2.7
1985	11.4	6.9	4.7	2.4
1986 ¹	11.6	6.9	4.7	2.3
1987	11.1	6.3	4.5	2.3
1988	9.4	5.4	3.7	1.7
1989	8.9	4.8	3.4	2.2
1990 ¹	9.6	4.9	3.7	1.9
1991	12.3	6.7	5.0	2.9
1992	13.5	7.7	5.9	2.9
1993	13.0	7.3	5.5	3.2
1994 ¹	12.6	6.7	5.0	2.9
1995	10.0	5.2	4.5	2.5
1996	10.9	5.5	4.1	2.2
1997 ¹	10.4	5.1	3.8	2.0
1998 ¹	8.5	4.8	3.6	1.8
Men				
1970	4.0	2.4	2.7	1.1
1971	6.0	3.6	3.5	1.8
1972 ¹	5.4	3.6	3.1	1.9
1973 ¹	5.0	2.8	2.8	1.6
1974	4.7	3.1	2.9	1.5
1975	10.5	6.7	5.1	2.2
1976	8.3	5.8	5.1	2.2
1977	8.6	5.1	4.5	2.4
1978 ¹	7.1	4.2	3.1	1.9
1979	6.6	4.2	3.2	1.7
1980	8.2	5.3	4.4	1.7
1981	10.2	6.6	4.4	1.9
1982	12.7	9.3	6.8	2.9
1983	16.1	11.9	8.4	3.4
1984	12.3	8.1	5.2	2.7
1985	11.2	7.2	4.5	2.4
1986 ¹	11.7	7.4	4.7	2.3
1987	11.2	6.7	5.0	2.5
1988	10.0	6.2	3.9	1.6
1989	9.4	5.4	3.2	2.3
1990 ¹	9.6	5.3	3.9	2.1
1991	13.4	7.7	5.2	3.2
1992	14.8	8.8	6.4	3.2
1993	14.1	8.7	6.3	3.4
1994 ¹	12.8	7.2	5.3	2.9
1995	10.9	5.7	4.4	2.6
1996 ¹	11.0	6.4	4.5	2.3
1997 ¹	9.9	5.6	4.0	2.1
1998 ¹	8.0	5.1	3.7	1.7

See footnote at end of table.

Table 58. Unemployment rates of persons 25 to 64 years of age by educational attainment and sex, March 1970-98—Continued

(Percent)

Year	Less than 4 years of high school	4 years of high school, only	College	
			1 to 3 years	4 years or more
Women				
1970	5.7	3.6	3.1	1.9
1971	7.2	4.5	4.3	2.4
1972 ¹	6.6	4.3	4.2	2.3
1973 ¹	6.2	3.9	3.0	2.1
1974	6.4	3.8	4.4	2.1
1975	10.5	7.1	6.3	3.4
1976	9.2	6.5	5.5	2.7
1977	9.7	6.2	5.7	3.6
1978 ¹	7.9	4.9	3.6	2.6
1979	8.3	4.7	3.8	2.8
1980	8.9	5.0	4.1	2.2
1981	10.0	5.8	4.6	2.7
1982	12.2	7.8	5.3	3.3
1983	15.3	8.0	6.0	3.7
1984	11.7	6.3	5.3	2.7
1985	11.7	6.5	4.8	2.5
1986 ¹	11.4	6.3	4.8	2.4
1987	10.9	5.8	4.0	2.1
1988	8.5	4.6	3.4	1.9
1989	8.1	4.2	3.7	2.0
1990 ¹	9.5	4.6	3.5	1.7
1991	10.7	5.5	4.8	2.5
1992	11.4	6.5	5.3	2.5
1993	11.2	5.8	4.6	2.9
1994 ¹	12.4	6.2	4.7	2.9
1995	8.6	4.6	4.5	2.4
1996	10.7	4.4	3.8	2.1
1997 ¹	11.3	4.5	3.6	2.0
1998 ¹	9.3	4.4	3.5	1.9

¹ Data on educational attainment, beginning in 1992, reflect degrees or diplomas received rather than years of school completed and are not strictly comparable with data for prior years. In addition, the comparability of historical labor force data has been affected at various times by methodological and conceptual changes. For an explanation, see the Explanatory Notes and Estimates of Error section of *Employment and Earnings*, a monthly periodical published by the Bureau of Labor Statistics.

Table 59. Civilian unemployment rates, approximating U.S. concepts, 10 countries, 1959-98

Year	United States	Canada	Australia	Japan	France	Germany (¹)	Italy	Netherlands	Sweden	United Kingdom
1959	5.5	5.6	² 2.1	2.3	1.6	2.0	4.8	—	³ 1.7	2.8
1960	5.5	6.5	² 1.6	1.7	1.5	1.1	3.7	—	³ 1.7	2.2
1961	6.7	6.7	² 3.0	1.5	1.2	.6	3.2	—	1.5	2.0
1962	5.5	5.5	² 2.9	1.3	1.4	.6	2.8	—	1.5	2.7
1963	5.7	5.2	² 2.3	1.3	1.6	.5	2.4	—	1.7	3.3
1964	5.2	4.4	1.4	1.2	1.2	.4	2.7	—	1.6	2.5
1965	4.5	3.6	1.3	1.2	1.6	.3	3.5	—	1.2	2.1
1966	3.8	3.4	1.6	1.4	1.6	.3	3.7	—	1.6	2.3
1967	3.8	3.8	1.9	1.3	2.1	1.3	3.4	—	2.1	3.3
1968	3.6	4.5	1.8	1.2	2.7	1.1	3.5	—	2.2	3.2
1969	3.5	4.4	1.8	1.1	2.3	.6	3.5	—	1.9	3.1
1970	4.9	5.7	1.6	1.2	2.5	.5	3.2	—	1.5	3.1
1971	5.9	6.2	1.9	1.3	2.8	.6	3.3	—	2.6	3.9
1972	5.6	6.2	2.6	1.4	2.9	.7	3.8	—	2.7	4.2
1973	4.9	5.5	2.3	1.3	2.8	.7	3.7	3.1	2.5	3.2
1974	5.6	5.3	2.7	1.4	2.9	1.6	3.1	3.6	2.0	3.1
1975	8.5	6.9	4.9	1.9	4.2	3.4	3.4	5.1	1.6	4.6
1976	7.7	7.2	4.8	2.0	4.6	3.4	3.9	5.4	1.6	5.9
1977	7.1	8.1	5.6	2.0	5.2	3.4	4.1	4.9	1.8	6.4
1978	6.1	8.4	6.3	2.3	5.4	3.3	4.1	5.1	2.2	6.3
1979	5.8	7.5	6.3	2.1	6.1	2.9	4.4	5.1	2.1	5.4
1980	7.1	7.5	6.1	2.0	6.5	2.8	4.4	6.0	2.0	7.0
1981	7.6	7.6	5.8	2.2	7.6	4.0	4.9	8.9	2.5	10.5
1982	9.7	11.0	7.2	2.4	8.3	5.6	5.4	10.2	3.1	11.3
1983	9.6	11.9	10.0	2.7	8.6	⁴ 6.9	5.9	⁴ 11.4	3.5	11.8
1984	7.5	11.3	9.0	2.8	10.0	7.1	5.9	11.5	3.1	11.7
1985	7.2	10.5	8.3	2.6	10.5	7.2	6.0	9.6	2.8	11.2
1986	7.0	9.6	8.1	2.8	10.6	6.6	⁴ 7.5	10.0	2.6	11.2
1987	6.2	8.9	8.1	2.9	10.8	6.3	7.9	10.0	⁴ 2.2	10.3
1988	5.5	7.8	7.2	2.5	10.3	6.3	7.9	⁴ 7.6	1.9	8.6
1989	5.3	7.5	6.2	2.3	9.6	5.7	7.8	7.0	1.6	7.2
1990	⁴ 5.6	8.1	6.9	2.1	9.1	5.0	7.0	6.2	1.8	6.9
1991	6.8	10.4	9.6	2.1	9.6	⁴ 3.9	⁴ 6.9	5.9	3.1	8.8
1992	7.5	11.3	10.8	2.2	⁴ 10.4	⁴ 4.6 ^p	7.3	5.6	5.6	10.1
1993	6.9	11.2	10.9	2.5	11.8	⁴ 5.7 ^p	⁴ 10.2	6.6	9.3	10.5
1994	⁴ 6.1	10.4	9.7	2.9	12.3	⁴ 6.5 ^p	11.3	7.2	9.6	9.7
1995	5.6	9.5	8.5	3.2	11.8	⁴ 6.5 ^p	12.0	7.0	9.1	8.7
1996	5.4	9.7	8.6	3.4	12.5	⁴ 7.2 ^p	12.1	6.4	9.9	8.2
1997	4.9	9.2	8.6	3.4	12.4	⁴ 7.8 ^p	12.3	5.2	10.1	7.0
1998	4.5	8.3	8.0	4.1 ^p	11.8 ^p	⁴ 7.5 ^p	12.3	—	8.4	6.3 ^p

¹ Former West Germany.

² The Australian labor force survey was initiated in 1964. Unemployment rates for 1959-63 are estimates made by an Australian researcher.

³ The Swedish labor force survey was initiated in 1961. The figures for 1959-60 are estimates made by the Organization for Economic Cooperation and Development.

⁴ There are breaks in the series for the United States (1990, 1994), France (1992), Germany (1983), Italy (1986, 1991, 1993), the Netherlands (1983, 1988), and Sweden (1987):

The United States (1990): The impact was to raise the unemployment rate by 0.1 percentage point.

The United States (1994): The impact was to raise the unemployment rate by 0.1 percentage point.

France (1992): The impact was to lower the unemployment rate by 0.1 percentage point.

Germany (1983): The impact was to lower the unemployment rate by 0.3 percentage point.

Italy (1986): The impact was to raise the unemployment rate by 1.2 percentage points.

Italy (1991): The impact was to raise the unemployment rate by approximately 0.3 percentage point.

Italy (1993): The impact was to raise the unemployment rate by approximately 1.1 percentage points.

Netherlands (1983): The impact was to lower the unemployment rate by about 2 percentage points.

Netherlands (1988): The impact was to lower the unemployment rate by 1.7 percentage points.

Sweden (1987): The net impact of the break and the BLS adjustment for students seeking work lowered the unemployment rate by 0.1 percentage point.

p = preliminary.

Dash indicates data not available.

Table 60. Consumer price indexes, 16 countries, 1950-97
(Indexes: 1982-84=100)

Year	United States I ¹	Canada I ²	Japan I ³	Australia II	Austria I	Belgium I ⁴	Denmark I ⁵	France I ⁶
1950	24.1	21.6	14.8	12.6	-	24.0	12.3	11.1
1955	26.8	24.4	20.2	18.9	-	26.6	15.0	14.5
1956	27.2	24.8	20.3	20.1	-	27.4	15.8	14.8
1957	28.1	25.6	20.9	20.7	-	28.2	16.1	15.3
1958	28.9	26.3	20.8	20.9	-	28.6	16.3	17.6
1959	29.1	26.6	21.1	21.3	-	29.0	16.5	18.7
1960	29.6	26.9	21.8	22.1	32.6	29.1	16.7	19.4
1961	29.9	27.1	23.0	22.7	33.8	29.3	17.4	20.0
1962	30.2	27.4	24.6	22.6	35.3	29.8	18.8	21.0
1963	30.6	27.9	26.4	22.4	36.2	30.4	19.8	22.0
1964	31.0	28.4	27.4	23.2	37.6	31.7	20.5	22.7
1965	31.5	29.1	29.5	24.2	39.5	32.9	21.8	23.3
1966	32.4	30.2	31.0	24.9	40.3	34.3	23.3	23.9
1967	33.4	31.3	32.3	25.7	41.9	35.3	25.0	24.6
1968	34.8	32.5	34.0	26.3	43.1	36.3	27.0	25.7
1969	36.7	34.0	35.8	27.1	44.4	37.6	27.9	27.3
1970	38.8	35.1	38.5	28.2	46.4	39.1	29.8	28.8
1971	40.5	36.2	40.9	29.9	48.5	40.8	31.5	30.3
1972	41.8	37.9	42.9	31.6	51.6	43.0	33.6	32.2
1973	44.4	40.7	47.9	34.6	55.5	46.0	36.7	34.6
1974	49.3	45.2	59.1	39.9	60.8	51.9	42.3	39.3
1975	53.8	50.1	66.0	45.9	65.9	58.5	46.4	43.9
1976	56.9	53.8	72.2	52.1	70.8	63.8	50.5	48.2
1977	60.6	58.1	78.1	58.5	74.6	68.4	56.1	52.7
1978	65.2	63.3	81.4	63.1	77.3	71.4	61.8	57.5
1979	72.6	69.1	84.4	68.8	80.2	74.6	67.7	63.6
1980	82.4	76.1	90.9	75.8	85.3	79.6	76.1	72.3
1981	90.9	85.6	95.4	83.2	91.1	85.6	85.0	82.0
1982	96.5	94.9	98.0	92.4	96.0	93.1	93.6	91.7
1983	99.6	100.4	99.8	101.8	99.2	100.3	100.0	100.5
1984	103.9	104.7	102.1	105.8	104.8	106.6	106.4	107.9
1985	107.6	108.9	104.2	112.9	108.2	111.8	111.4	114.2
1986	109.6	113.4	104.8	123.2	110.0	113.3	115.4	117.2
1987	113.6	118.4	104.9	133.6	111.6	115.0	120.0	120.9
1988	118.3	123.2	105.7	143.3	113.8	116.4	125.5	124.2
1989	124.0	129.3	108.1	154.1	116.6	120.0	131.5	128.6
1990	130.7	135.5	111.4	165.3	120.5	124.1	135.0	132.8
1991	136.2	143.1	115.1	170.7	124.5	128.3	138.2	137.1
1992	140.3	145.3	117.0	172.4	129.5	131.4	141.1	140.4
1993	144.5	147.9	118.6	175.5	134.1	135.0	142.9	143.3
1994	148.2	148.2	119.4	178.8	138.2	138.2	145.8	145.7
1995	152.4	151.4	119.2	187.1	141.3	140.2	148.8	148.2
1996	156.9	153.8	119.4	192.0	143.9	143.1	151.9	151.2
1997	160.5	156.2	121.5	192.5	145.8	145.4	155.3	153.0

See footnotes at end of table.

Table 60. Consumer price indexes, 16 countries, 1950-97—Continued

(Indexes: 1982-84=100)

Year	Germany I ⁷	Italy I ⁸	Nether- lands II ⁹	Norway I ¹⁰	Spain II ⁹	Sweden I	Switzer- land I ¹¹	United Kingdom I ¹²
1950	33.9	8.8	21.1	13.6	5.5	13.3	33.2	9.8
1955	37.3	10.8	24.9	18.4	6.3	17.5	36.0	12.8
1956	38.3	11.1	25.1	19.1	6.7	18.4	36.6	13.5
1957	39.1	11.3	26.8	19.6	7.4	19.2	37.3	14.0
1958	39.9	11.6	27.2	20.6	8.4	20.0	38.0	14.4
1959	40.3	11.6	27.5	21.0	9.0	20.2	37.7	14.5
1960	40.9	11.8	28.2	21.1	9.1	21.0	38.2	14.6
1961	41.9	12.1	28.5	21.6	9.2	21.5	39.0	15.1
1962	43.1	12.6	29.2	22.8	9.7	22.5	40.6	15.8
1963	44.4	13.6	30.2	23.4	10.6	23.2	42.0	16.1
1964	45.4	14.4	31.9	24.7	11.3	23.9	43.3	16.6
1965	46.9	15.0	33.2	25.7	12.8	25.1	44.8	17.4
1966	48.6	15.4	35.1	26.6	13.6	26.8	46.9	18.1
1967	49.4	15.9	36.4	27.8	14.5	27.9	48.8	18.5
1968	50.2	16.1	37.7	28.7	15.2	28.4	50.0	19.4
1969	51.1	16.5	40.5	29.6	15.5	29.2	51.3	20.5
1970	52.8	17.3	42.3	32.8	16.4	31.2	53.1	21.8
1971	55.6	18.2	45.5	34.8	17.7	33.6	56.6	23.8
1972	58.7	19.2	49.1	37.3	19.2	35.6	60.4	25.5
1973	62.8	21.3	53.0	40.1	21.4	38.0	65.7	27.9
1974	67.2	25.4	58.1	43.8	24.8	41.7	72.1	32.3
1975	71.2	29.7	64.0	49.0	29.0	45.8	76.9	40.1
1976	74.2	34.6	69.7	53.5	34.1	50.5	78.2	46.8
1977	77.0	41.0	74.3	58.3	42.4	56.3	79.2	54.2
1978	79.0	46.0	77.4	63.1	50.8	61.9	80.1	58.7
1979	82.3	52.8	80.6	66.1	58.8	66.4	83.0	66.6
1980	86.7	64.0	85.9	73.3	67.9	75.5	86.3	78.5
1981	92.2	75.4	91.7	83.3	77.8	84.6	91.9	87.9
1982	97.1	87.8	97.1	92.7	89.0	91.8	97.1	95.4
1983	100.3	100.7	99.8	100.5	99.9	100.1	100.0	99.8
1984	102.7	111.5	103.1	106.8	111.1	108.1	102.9	104.8
1985	104.8	121.8	105.4	112.9	120.9	116.1	106.4	111.1
1986	104.7	129.0	105.6	121.0	131.5	121.0	107.2	114.9
1987	104.9	135.1	105.0	131.9	138.5	126.0	108.8	119.7
1988	106.3	141.9	105.8	140.4	145.1	133.4	110.8	125.6
1989	109.2	150.8	107.1	146.8	155.0	142.0	114.3	135.4
1990	112.1	160.5	109.6	152.8	165.4	156.8	120.5	148.2
1991	116.0	170.6	113.0	158.0	175.2	171.5	127.5	156.9
1992	120.6	179.3	116.5	161.7	185.6	175.3	132.7	162.7
1993	125.7	187.3	119.5	165.4	194.1	183.5	137.0	165.3
1994	129.1	194.9	122.8	167.7	203.3	187.5	138.2	169.3
1995	131.3	205.0	125.0	171.8	212.8	192.3	140.6	175.2
1996	133.1	212.8	127.3	174.0	220.3	193.2	141.7	179.4
1997	135.5	217.0	130.1	178.5	224.8	194.2	142.4	185.1

I = All Households Index, II = Worker Households Index

¹All urban households from 1978; urban worker households prior to 1978.²All households from January 1995; all urban households from September 1978 to December 1994; and middle income urban households prior to September 1978.³Excluding agricultural and single person households.⁴Excluding rent and several other services prior to 1976.⁵Excluding rent prior to 1964.⁶Paris only prior to 1962. All urban households from 1993; urban worker households for 1962 through 1992.⁷Refers to the former West Germany. Middle income worker households prior to 1962.⁸Middle income worker households prior to 1955.⁹Middle income worker households.¹⁰Urban worker households prior to 1960.¹¹All urban households from May 1993; urban worker households through April 1993.¹²Excluding pensioner and high income households.

Dash indicates data not available.

Table 61. Hourly compensation costs in U.S. dollars for production workers in manufacturing,
29 countries or areas, 1975-97

Year	United States	Canada	Mexico	Australia ¹	Hong Kong SAR ²	Israel	Japan	Korea	New Zealand	Singapore
1975	\$6.36	\$5.96	\$1.47	\$5.62	\$0.76	\$2.25	\$3.00	\$0.32	\$3.21	\$0.84
1976	6.92	7.06	1.64	6.22	.87	2.38	3.25	.42	3.00	.86
1977	7.59	7.35	1.34	6.29	1.03	2.68	3.96	.56	3.37	.91
1978	8.28	7.42	1.62	7.00	1.18	2.57	5.45	.76	4.14	1.05
1979	9.04	7.87	1.91	7.47	1.31	3.30	5.40	1.01	4.71	1.26
1980	9.87	8.67	2.21	8.47	1.51	3.79	5.52	.96	5.33	1.49
1981	10.87	9.55	2.82	9.80	1.55	4.18	6.08	1.02	5.69	1.80
1982	11.68	10.44	1.97	9.98	1.66	4.43	5.60	1.09	5.62	1.96
1983	12.14	11.13	1.42	9.31	1.51	4.88	6.03	1.15	5.19	2.21
1984	12.55	11.14	1.56	9.83	1.58	4.65	6.23	1.20	4.65	2.46
1985	13.01	10.94	1.59	8.20	1.73	4.06	6.34	1.23	4.47	2.47
1986	13.26	11.10	1.09	8.54	1.88	5.20	9.22	1.31	5.50	2.23
1987	13.52	12.04	1.04	9.46	2.09	6.34	10.79	1.59	6.77	2.31
1988	13.91	13.50	1.25	11.35	2.40	7.67	12.63	2.20	8.19	2.67
1989	14.32	14.77	1.43	12.41	2.79	7.69	12.53	3.17	7.80	3.15
1990	14.91	15.84	1.58	13.07	3.20	8.55	12.80	3.71	8.33	3.78
1991	15.58	17.16	1.84	13.53	3.58	8.79	14.67	4.61	8.36	4.35
1992	16.09	17.03	2.17	13.02	3.92	9.09	16.38	5.22	7.91	4.95
1993	16.51	16.43	2.40	12.49	4.29	8.82	19.21	5.64	8.01	5.25
1994	16.87	15.85	2.47	14.02	4.61	9.19	21.35	6.40	8.93	6.29
1995	17.19	16.04	1.51	15.05	4.82	10.54	23.82	7.29	10.11	7.33
1996	17.70	16.66	1.54	16.52	5.14	10.99	20.91	8.09	11.03	8.32
1997	18.24	16.55	1.75	16.00	5.42	12.05	19.37	7.22	11.02	8.24
	Sri Lanka	Taiwan	Austria ³	Belgium	Denmark	Finland ⁴	France	Germany ⁵	Greece	Ireland
1975	\$0.28	\$0.40	\$4.51	\$6.41	\$6.28	\$4.61	\$4.52	\$6.31	\$1.69	\$3.03
1976 .....	.24	.46	4.78	6.90	6.63	5.19	4.70	6.68	1.92	2.86
1977 .....	.32	.53	5.67	8.29	7.25	5.58	5.21	7.81	2.29	3.12
1978 .....	.26	.62	6.91	10.14	8.98	5.88	6.43	9.58	2.84	3.97
1979 .....	.23	.79	7.96	11.82	10.53	7.51	7.69	11.21	3.37	4.85
1980 .....	.22	1.00	8.88	13.11	10.83	8.24	8.94	12.25	3.73	5.95
1981 .....	.21	1.21	7.78	11.31	9.41	8.04	8.02	10.45	3.66	5.59
1982 .....	.24	1.24	7.78	9.49	8.87	8.03	7.85	10.28	4.12	5.71
1983 .....	.25	1.29	7.81	9.08	8.69	7.54	7.74	10.19	3.78	5.67
1984 .....	.25	1.42	7.35	8.63	8.03	7.77	7.29	9.37	3.74	5.59
1985 .....	.28	1.50	7.58	8.97	8.13	8.16	7.52	9.53	3.66	5.92
1986 .....	.29	1.73	10.73	12.43	11.07	10.71	10.28	13.34	4.07	8.02
1987 .....	.30	2.26	13.67	15.25	14.61	13.44	12.29	16.91	4.61	9.31
1988 .....	.31	2.81	14.52	15.82	15.19	15.70	12.95	18.16	5.22	10.00
1989 .....	.31	3.52	14.16	15.48	14.53	16.85	12.65	17.66	5.49	9.61
1990 .....	.35	3.93	17.75	19.17	18.04	21.03	15.49	21.88	6.76	11.66
1991 .....	.40	4.36	18.09	19.75	18.39	21.25	15.65	22.63	6.95	11.91
1992 .....	.40	5.09	20.29	22.05	20.20	19.92	17.46	25.38	7.60	13.12
1993 .....	.42	5.23	20.16	21.44	19.11	16.63	16.79	25.32	7.23	11.89
1994 .....	.45	5.55	21.51	23.07	20.30	19.06	17.63	27.03	7.73	12.39
1995 .....	.48	5.92	25.21	26.65	24.07	24.14	20.01	32.22	9.17	13.57
1996 .....	.48	5.93	24.66	25.89	24.11	23.56	19.92	31.79	9.59	13.85
1997	—	5.89	21.92	22.82	22.02	21.44	17.97	28.28	—	13.57

See footnotes at end of table.

Table 61. Hourly compensation costs in U.S. dollars for production workers in manufacturing,
29 countries or areas, 1975-97—Continued

Year	Italy	Luxem-bourg	Nether-lands	Norway	Portugal	Spain	Sweden	Switzer-land	United King-dom
1975	\$4.67	\$6.50	\$6.58	\$6.77	\$1.58	\$2.53	\$7.18	\$6.09	\$3.37
1976	4.34	6.99	6.90	7.52	1.66	2.86	8.25	6.45	3.21
1977	4.99	8.06	8.02	8.56	1.58	3.18	8.88	6.88	3.45
1978	5.83	9.86	9.98	9.51	1.63	3.88	9.65	9.59	4.41
1979	7.06	11.12	11.41	10.28	1.68	5.31	11.33	10.56	5.70
1980	8.15	12.03	12.06	11.59	2.06	5.89	12.51	11.09	7.56
1981	7.57	9.85	9.91	11.01	2.04	5.55	11.80	10.14	7.31
1982	7.44	8.61	9.78	10.83	1.88	5.28	10.07	10.42	6.92
1983	7.70	8.15	9.49	10.32	1.62	4.56	8.89	10.46	6.49
1984	7.35	7.79	8.70	10.07	1.45	4.47	9.17	9.64	6.04
1985	7.63	7.81	8.75	10.37	1.53	4.66	9.66	9.66	6.27
1986	10.47	10.86	12.22	13.24	2.08	6.25	12.43	13.76	7.66
1987	13.02	13.35	15.14	16.79	2.52	7.63	15.12	17.08	9.09
1988	13.98	14.22	15.83	18.45	2.78	8.55	16.82	18.01	10.61
1989	14.40	13.92	15.00	18.29	2.97	8.96	17.52	16.73	10.56
1990	17.45	16.74	18.06	21.47	3.77	11.38	20.93	20.86	12.70
1991	18.32	17.14	18.13	21.63	4.24	12.29	22.15	21.69	13.74
1992	19.35	19.10	20.10	23.03	5.17	13.50	24.59	23.23	14.37
1993	15.80	18.74	20.08	20.21	4.50	11.62	17.59	22.63	12.41
1994	15.89	20.33	20.80	20.97	4.60	11.54	18.62	24.91	12.80
1995	16.21	23.35	24.02	24.38	5.37	12.88	21.44	29.30	13.67
1996	17.73	22.55	23.08	25.05	5.58	13.51	24.37	28.34	14.13
1997	16.74	—	20.61	23.72	5.29	12.16	22.24	24.19	15.47

¹ Production and nonproduction workers other than those in managerial, executive, professional, and higher supervisory positions.

² Hong Kong Special Administrative Region of China. Average of selected manufacturing industries.

³ Excludes handicraft manufacturers, printing and publishing, and miscellaneous manufacturing.

⁴ Including mining and electrical power plants.

⁵ Former West Germany. Excluding handicraft manufacturers.

Dash indicates data not available.

Table 62. Output per hour, hourly compensation, and unit labor costs in manufacturing,
12 countries, 1950-97

(Indexes: 1992=100)

Year	United States	Canada	Japan	Belgium	Denmark	France	Germany	Italy	Netherlands	Norway	Sweden	United Kingdom
	Output per hour											
1950	—	28.0	—	—	22.6	13.9	13.2	11.2	12.3	24.5	19.7	24.7
1955	—	34.3	8.7	—	24.6	17.6	19.7	15.6	15.4	28.5	21.6	26.6
1960	—	40.7	14.0	17.9	29.9	23.0	29.2	19.6	19.5	36.7	27.6	30.2
1961	—	42.9	15.8	18.1	31.6	24.5	30.6	21.2	20.6	38.0	29.0	30.2
1962	—	46.3	16.6	19.0	33.2	26.1	32.7	23.4	21.2	38.0	31.3	30.9
1963	—	48.1	18.0	19.8	34.3	27.5	34.1	24.1	21.9	40.0	33.1	32.5
1964	—	50.4	20.4	21.0	37.1	29.7	37.0	24.3	23.9	42.2	36.0	34.7
1965	—	52.9	21.2	22.1	38.9	31.8	39.3	27.1	25.4	44.7	38.7	35.7
1966	—	53.7	23.3	23.6	40.8	34.4	40.9	29.4	27.0	46.6	40.3	36.9
1967	—	54.3	26.3	24.9	43.8	36.5	43.4	30.9	28.9	48.3	43.7	38.6
1968	—	57.6	29.5	27.1	47.8	40.3	47.1	33.3	32.3	51.3	47.8	41.4
1969	—	60.5	33.8	29.6	49.8	42.9	50.4	34.5	35.3	56.1	51.5	42.4
1970	—	59.2	38.0	32.7	52.7	45.5	52.1	36.8	38.6	57.8	52.8	43.3
1971	—	62.7	40.2	34.6	56.3	48.2	54.1	37.4	40.9	60.1	55.1	45.4
1972	—	65.6	44.1	38.6	60.8	50.4	57.4	40.5	44.1	63.6	57.9	47.9
1973	—	69.6	48.1	42.7	66.9	53.9	61.1	43.9	48.8	67.6	62.1	51.4
1974	—	70.8	49.3	45.0	69.1	55.1	63.3	46.7	52.4	70.6	64.8	52.2
1975	—	68.1	50.7	46.8	76.1	57.0	65.9	45.2	51.6	69.7	65.8	51.1
1976	—	73.0	53.8	51.6	78.8	60.5	70.7	51.4	57.1	71.9	66.8	53.3
1977	70.6	77.1	55.9	54.1	80.4	64.1	73.0	52.4	61.8	71.5	65.8	53.8
1978	71.1	78.4	58.1	57.4	81.6	67.0	75.4	55.8	65.9	72.8	67.6	54.5
1979	72.1	78.3	62.9	60.6	85.6	70.1	78.8	61.2	69.2	78.1	72.9	55.0
1980	71.9	75.2	63.9	64.5	90.3	70.5	77.3	64.0	69.8	76.7	74.0	54.4
1981	75.5	77.0	66.0	68.9	91.8	72.6	78.9	65.5	71.4	76.5	73.5	57.2
1982	77.8	75.2	68.7	73.0	92.1	77.7	78.6	66.6	72.7	79.7	76.7	60.3
1983	81.4	79.7	69.6	80.6	96.6	79.4	82.6	70.2	78.4	82.4	81.8	65.0
1984	84.6	86.5	71.9	84.6	96.1	80.7	85.5	77.1	86.1	87.4	85.6	68.5
1985	87.8	89.7	77.3	86.6	96.7	83.8	88.9	81.5	89.7	90.2	87.1	71.1
1986	88.3	89.2	76.9	87.8	91.1	85.2	89.6	82.6	91.0	89.0	88.5	73.9
1987	94.4	91.1	81.2	88.9	90.6	86.7	88.4	85.0	91.7	93.3	90.1	78.1
1988	98.0	91.0	84.8	92.0	94.1	92.7	91.6	86.6	93.8	92.1	90.8	82.6
1989	97.1	92.4	89.5	96.9	99.6	97.4	94.5	89.4	97.2	94.6	93.8	86.2
1990	97.8	95.2	95.4	96.9	99.1	99.1	99.0	92.8	98.6	96.6	95.0	89.2
1991	98.3	95.0	99.4	99.1	99.6	98.7	101.9	95.3	99.6	97.5	95.0	93.9
1992	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1993	102.1	103.3	100.5	104.1	104.5	101.8	100.6	104.5	101.9	100.6	106.7	105.6
1994	108.3	105.7	101.8	110.0	—	110.4	107.9	107.4	114.2	101.4	116.1	109.2
1995	114.9	108.4	109.3	108.9	—	114.3	111.2	113.9	119.9	102.0	122.4	107.4
1996	117.3	106.6	111.9	110.0	—	117.9	115.1	114.4	124.4	102.6	125.4	106.1
1997	122.3	109.6	117.4	116.7	—	125.9	121.8	117.4	130.2	103.2	133.6	106.6

See footnotes at end of table.

Table 62. Output per hour, hourly compensation, and unit labor costs in manufacturing,
12 countries, 1950-97—Continued

(Indexes: 1992=100)

Year	United States	Canada ¹	Japan	Belgium	Denmark	France ¹	Germany	Italy	Netherlands	Norway	Sweden ¹	United Kingdom ¹
Hourly compensation in national currency												
1950	8.7	5.7	—	—	2.5	1.6	3.4	0.8	3.1	2.2	1.9	1.6
1955	11.7	8.1	3.1	—	3.4	2.9	5.0	1.2	4.6	3.4	3.0	2.3
1960	14.9	10.4	4.3	5.6	4.6	4.3	8.2	1.6	6.4	4.7	4.1	3.1
1961	15.4	10.7	5.0	5.9	5.2	4.8	9.1	1.7	7.3	5.2	4.5	3.3
1962	15.9	11.1	5.7	6.3	5.6	5.3	10.3	2.0	7.8	5.7	5.0	3.4
1963	16.4	11.6	6.4	7.0	6.1	5.7	11.0	2.4	8.6	6.1	5.6	3.6
1964	17.1	12.1	7.2	7.9	6.6	6.2	11.9	2.6	10.0	6.5	6.1	3.8
1965	17.5	12.8	8.1	8.8	7.4	6.8	13.1	2.8	11.2	7.2	6.7	4.2
1966	18.3	13.7	9.0	9.7	8.4	7.2	14.3	2.9	12.6	7.8	7.3	4.5
1967	19.3	14.5	10.0	10.6	9.4	7.7	15.0	3.2	13.9	8.7	8.1	4.7
1968	20.7	15.4	11.7	11.3	10.3	8.7	16.2	3.5	15.5	9.6	8.8	5.0
1969	22.2	16.6	13.8	12.4	11.6	9.3	17.7	3.8	17.6	10.6	9.6	5.5
1970	23.8	17.8	16.5	14.1	13.3	10.5	20.8	4.6	20.3	11.8	10.8	6.3
1971	25.3	18.9	19.0	16.2	15.2	11.7	23.3	5.3	23.3	13.5	12.1	7.2
1972	26.6	20.2	21.9	18.7	16.9	13.0	25.6	6.0	26.7	15.1	13.5	8.3
1973	28.7	22.0	26.8	21.7	20.5	14.9	29.1	7.0	31.8	17.0	15.2	9.5
1974	31.8	25.5	35.1	26.4	24.8	17.7	33.1	9.2	38.0	19.9	17.8	11.4
1975	35.7	29.2	40.9	32.0	29.6	21.6	36.5	11.6	43.4	23.8	21.9	15.1
1976	38.7	33.4	44.0	36.3	33.0	24.7	39.3	14.4	48.4	27.5	25.6	17.5
1977	42.0	37.0	48.6	40.5	36.5	28.1	43.0	17.1	52.8	30.9	28.0	19.8
1978	45.4	39.8	51.8	43.7	40.2	31.6	46.3	19.7	57.2	34.1	31.2	23.1
1979	49.9	43.2	55.1	47.5	45.0	35.9	49.7	23.8	61.4	35.8	33.6	27.4
1980	55.8	47.7	58.6	52.7	49.6	41.3	53.9	27.9	64.7	39.0	37.4	33.1
1981	61.3	53.3	62.7	58.5	54.6	47.9	57.3	33.8	67.6	43.3	41.3	38.4
1982	67.3	59.9	65.8	61.0	59.5	56.9	60.4	39.8	71.7	48.2	44.3	42.3
1983	69.1	63.7	67.6	64.7	63.6	62.7	63.4	46.6	74.9	52.9	48.8	45.4
1984	71.5	66.1	69.7	70.1	67.2	68.1	66.4	53.5	77.8	57.9	53.0	49.0
1985	75.3	69.9	72.5	74.5	71.7	73.7	70.2	60.1	81.9	63.4	58.4	53.6
1986	78.7	72.5	76.1	77.6	73.2	76.8	73.1	62.6	85.1	69.1	63.1	58.2
1987	80.9	75.3	77.9	79.3	80.1	79.7	76.6	66.1	87.8	78.5	67.3	64.7
1988	84.2	77.9	79.2	81.0	82.9	82.7	79.6	68.7	87.7	83.3	71.7	68.9
1989	86.9	82.5	84.2	85.2	87.7	87.2	83.4	75.5	88.5	87.2	79.4	73.6
1990	91.0	89.5	90.7	89.9	92.7	91.8	89.4	84.0	90.8	92.3	87.6	82.2
1991	95.8	94.7	95.9	95.5	95.9	96.3	95.1	93.1	95.2	97.5	95.4	92.1
1992	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1993	102.9	99.8	104.6	104.9	104.6	103.6	105.9	107.1	103.7	101.5	98.0	105.9
1994	105.8	100.4	106.7	108.4	—	106.2	111.7	106.6	108.2	104.4	101.1	109.2
1995	108.3	103.7	109.5	111.6	—	107.7	117.7	112.3	110.6	109.2	106.2	110.9
1996	110.7	106.0	110.5	114.1	—	109.4	123.7	119.4	113.9	114.4	113.4	112.2
1997	115.3	108.8	114.0	116.5	—	112.6	126.6	125.2	117.0	119.6	118.3	116.8

See footnotes at end of table.

Table 62. Output per hour, hourly compensation, and unit labor costs in manufacturing,
12 countries, 1950-97—Continued

(Indexes: 1992=100)

Year	United States	Canada ¹	Japan	Belgium	Denmark	France ¹	Germany	Italy	Netherlands	Norway	Sweden ¹	United Kingdom ¹
Hourly compensation in U.S. dollars												
1950	8.7	6.3	—	—	2.2	2.5	1.3	1.6	1.4	1.9	2.1	2.5
1955	11.7	9.9	1.1	—	3.0	4.3	1.9	2.3	2.1	2.9	3.3	3.6
1960	14.9	13.0	1.5	3.6	4.0	4.7	3.1	3.1	3.0	4.1	4.7	4.9
1961	15.4	12.7	1.8	3.8	4.5	5.1	3.6	3.4	3.6	4.5	5.1	5.2
1962	15.9	12.5	2.0	4.1	4.9	5.7	4.0	4.1	3.8	4.9	5.7	5.5
1963	16.4	13.0	2.3	4.5	5.4	6.2	4.3	4.8	4.2	5.3	6.3	5.7
1964	17.1	13.5	2.5	5.1	5.8	6.7	4.7	5.1	4.9	5.6	6.9	6.0
1965	17.5	14.3	2.8	5.7	6.4	7.3	5.1	5.5	5.5	6.2	7.6	6.6
1966	18.3	15.4	3.1	6.3	7.3	7.7	5.6	5.8	6.1	6.8	8.3	7.2
1967	19.3	16.2	3.5	6.9	8.1	8.3	5.9	6.4	6.8	7.6	9.2	7.3
1968	20.7	17.3	4.1	7.3	8.3	9.3	6.3	6.8	7.5	8.4	10.0	6.8
1969	22.2	18.7	4.9	8.0	9.3	9.5	7.0	7.5	8.5	9.2	10.8	7.4
1970	23.8	20.6	5.8	9.1	10.7	10.0	8.9	9.1	9.9	10.3	12.1	8.5
1971	25.3	22.6	6.9	10.7	12.4	11.3	10.5	10.6	11.7	11.9	13.8	9.9
1972	26.6	24.7	9.2	13.6	14.7	13.6	12.6	12.6	14.6	14.2	16.6	11.7
1973	28.7	26.5	12.5	17.9	20.5	17.7	17.2	14.9	20.1	18.4	20.3	13.1
1974	31.8	31.5	15.3	21.8	24.6	19.4	20.0	17.4	24.9	22.4	23.5	15.0
1975	35.7	34.7	17.5	28.0	31.1	26.6	23.2	21.9	30.2	28.4	30.8	19.0
1976	38.7	40.9	18.8	30.2	32.9	27.4	24.4	21.4	32.2	31.3	34.2	17.9
1977	42.0	42.1	23.0	36.3	36.7	30.2	28.9	23.8	37.9	36.0	36.5	19.5
1978	45.4	42.2	31.5	44.7	44.1	37.2	36.0	28.5	46.5	40.4	40.2	25.1
1979	49.9	44.6	32.0	52.1	51.6	44.6	42.4	35.3	53.8	43.9	45.7	33.0
1980	55.8	49.3	32.9	58.0	53.2	51.8	46.3	40.3	57.3	49.0	51.5	43.6
1981	61.3	53.7	36.1	50.8	46.2	46.6	39.7	36.6	47.8	46.9	47.5	44.0
1982	67.3	58.6	33.5	42.9	43.0	45.7	38.9	36.2	47.2	46.4	41.1	41.9
1983	69.1	62.5	36.1	40.7	42.0	43.6	38.7	37.8	46.2	45.0	37.1	38.9
1984	71.5	61.7	37.2	39.0	39.2	41.3	36.4	37.5	42.6	44.1	37.3	37.1
1985	75.3	61.8	38.5	40.4	40.9	43.5	37.3	38.8	43.4	45.8	39.5	39.4
1986	78.7	63.0	57.3	55.8	54.6	58.7	52.6	51.7	61.1	58.1	51.6	48.4
1987	80.9	68.7	68.3	68.3	70.6	70.2	66.5	62.8	76.2	72.3	61.8	60.0
1988	84.2	76.5	78.4	70.8	74.3	73.5	70.8	65.0	78.0	79.3	68.1	69.5
1989	86.9	84.2	77.3	69.5	72.3	72.3	69.3	67.8	73.4	78.4	71.7	68.3
1990	91.0	92.7	79.3	86.4	90.4	89.2	86.4	86.3	87.7	91.7	86.2	83.0
1991	95.8	99.9	90.3	89.7	90.5	90.3	89.4	92.5	89.4	93.3	91.8	92.1
1992	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1993	102.9	93.5	119.3	97.6	97.4	96.8	100.0	83.9	98.1	88.8	73.3	90.0
1994	105.8	88.8	132.4	104.3	—	101.4	107.6	81.5	104.6	92.0	76.3	94.7
1995	108.3	91.3	147.7	121.8	—	114.3	128.3	84.9	121.2	107.1	86.6	99.1
1996	110.7	93.9	128.8	118.4	—	113.2	128.4	95.4	118.8	110.0	98.5	99.2
1997	115.3	94.9	119.4	104.6	—	102.1	114.0	90.6	105.4	104.9	90.1	108.3

See footnotes at end of table.

Table 62. Output per hour, hourly compensation, and unit labor costs in manufacturing,
12 countries, 1950-97—Continued

(Indexes: 1992=100)

Year	United States	Canada ¹	Japan	Belgium	Denmark	France ¹	Germany	Italy	Netherlands	Norway	Sweden ¹	United Kingdom ¹
Unit labor costs in national currency												
1950	—	20.3	—	—	11.0	11.7	25.6	7.4	25.5	9.0	9.5	6.5
1955	—	23.5	36.1	—	13.8	16.3	25.5	7.6	29.7	11.8	13.7	8.6
1960	—	25.6	30.9	31.2	15.4	18.7	28.0	8.0	33.0	12.9	14.9	10.1
1961	—	24.9	31.8	32.6	16.3	19.4	29.9	8.2	35.7	13.6	15.6	10.8
1962	—	24.0	34.6	33.3	17.0	20.2	31.6	8.7	37.0	15.0	16.1	11.1
1963	—	24.1	35.7	35.5	17.9	20.9	32.3	10.1	39.4	15.2	16.8	11.0
1964	—	24.0	35.4	37.7	17.9	21.0	32.3	10.6	41.9	15.4	16.9	11.0
1965	—	24.2	38.3	39.8	18.9	21.3	33.4	10.2	44.2	16.0	17.3	11.7
1966	—	25.6	38.5	41.1	20.5	20.8	34.8	10.0	46.5	16.8	18.2	12.3
1967	—	26.7	38.1	42.5	21.4	21.1	34.6	10.5	48.2	18.1	18.6	12.1
1968	—	26.8	39.6	41.8	21.6	21.7	34.4	10.4	48.0	18.8	18.5	12.1
1969	—	27.5	41.0	41.9	23.4	21.7	35.1	11.0	49.8	19.0	18.7	12.9
1970	—	30.0	43.3	43.2	25.2	23.0	39.9	12.6	52.7	20.4	20.5	14.6
1971	—	30.2	47.3	46.7	27.1	24.4	43.0	14.3	56.9	22.5	22.0	15.8
1972	—	30.8	49.6	48.4	27.8	25.7	44.8	14.8	60.5	23.7	23.4	17.3
1973	—	31.6	55.7	50.8	30.6	27.6	47.6	16.0	65.1	25.1	24.4	18.4
1974	—	36.0	71.1	58.6	35.9	32.0	52.3	19.7	72.5	28.2	27.5	21.8
1975	—	42.9	80.6	68.3	38.9	37.8	55.3	25.7	84.1	34.2	33.3	29.5
1976	—	45.7	81.9	70.3	41.8	40.8	55.6	28.1	84.7	38.3	38.3	32.8
1977	59.6	48.0	86.8	74.8	45.4	43.8	59.0	32.6	85.5	43.2	42.6	36.8
1978	63.8	50.7	89.1	76.0	49.3	47.2	61.4	35.2	86.7	46.8	46.2	42.3
1979	69.1	55.2	87.5	78.5	52.5	51.1	63.1	39.0	88.8	45.8	46.2	49.9
1980	77.6	63.4	91.7	81.7	55.0	58.6	69.6	43.7	92.7	50.8	50.6	60.9
1981	81.3	69.2	95.1	84.9	59.5	66.0	72.6	51.6	94.8	56.6	56.1	67.2
1982	86.5	79.6	95.8	83.6	64.6	73.2	76.9	59.8	98.8	60.5	57.8	70.1
1983	84.9	79.9	97.2	80.3	65.8	79.0	76.7	66.4	95.6	64.2	59.7	69.8
1984	84.4	76.4	96.8	82.8	69.9	84.4	77.6	69.4	90.3	66.3	61.9	71.5
1985	85.8	77.9	93.8	86.1	74.2	88.0	78.9	73.8	91.3	70.2	67.1	75.4
1986	89.1	81.3	99.0	88.3	80.4	90.2	81.6	75.8	93.5	77.7	71.3	78.8
1987	85.7	82.6	96.0	89.3	88.4	92.0	86.7	77.8	95.8	84.1	74.7	82.8
1988	85.9	85.6	93.4	88.0	88.2	89.3	86.9	79.4	93.5	90.4	79.0	83.4
1989	89.5	89.3	94.0	87.9	88.1	89.5	88.3	84.4	91.1	92.2	84.7	85.5
1990	93.1	94.0	95.0	92.7	93.6	92.6	90.3	90.5	92.1	95.6	92.3	92.1
1991	97.5	99.7	96.5	96.3	96.3	97.6	93.3	97.7	95.6	100.0	100.4	98.1
1992	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1993	100.8	96.6	104.1	100.8	100.1	101.8	105.3	102.5	101.8	100.9	91.8	100.3
1994	97.7	95.0	104.9	98.6	93.0	96.2	103.6	99.2	94.8	102.9	87.0	100.1
1995	94.3	95.7	100.1	102.5	93.4	94.2	105.9	98.6	92.3	107.1	86.8	103.3
1996	94.3	99.4	98.8	103.7	92.3	92.8	107.5	104.4	91.5	111.5	90.4	105.8
1997	94.3	99.3	97.1	99.8	95.3	89.4	103.9	106.6	89.9	115.9	88.5	109.5

See footnotes at end of table.

Table 62. Output per hour, hourly compensation, and unit labor costs in manufacturing,
12 countries, 1950-97—Continued

(Indexes: 1992=100)

Year	United States	Canada ¹	Japan	Belgium	Denmark	France ¹	Germany	Italy	Netherlands	Norway	Sweden ¹	United Kingdom ¹
Unit labor costs in U.S. dollars												
1950	—	22.4	12.7	—	9.6	17.7	9.5	14.6	11.8	7.8	10.7	10.3
1955	—	28.8	12.7	—	12.0	24.6	9.5	15.0	13.7	10.2	15.5	13.6
1960	—	31.9	10.9	20.1	13.5	20.2	10.5	15.9	15.4	11.3	16.8	16.1
1961	—	29.7	11.2	21.0	14.3	21.0	11.6	16.2	17.3	11.9	17.6	17.2
1962	—	27.1	12.1	21.5	14.9	21.8	12.3	17.3	18.1	13.0	18.2	17.7
1963	—	26.9	12.5	22.9	15.7	22.5	12.7	19.9	19.2	13.2	18.9	17.5
1964	—	26.9	12.4	24.3	15.6	22.7	12.7	20.9	20.4	13.3	19.1	17.4
1965	—	27.1	13.4	25.7	16.5	23.0	13.1	20.1	21.6	13.9	19.6	18.6
1966	—	28.7	13.5	26.5	17.9	22.5	13.6	19.7	22.6	14.6	20.5	19.4
1967	—	29.9	13.3	27.5	18.5	22.7	13.6	20.7	23.5	15.7	21.0	18.8
1968	—	30.0	13.9	26.9	17.4	23.2	13.4	20.5	23.3	16.4	20.9	16.4
1969	—	30.9	14.5	26.9	18.8	22.1	14.0	21.6	24.1	16.5	21.0	17.4
1970	—	34.8	15.3	28.0	20.3	22.0	17.1	24.7	25.6	17.8	23.0	19.7
1971	—	36.1	17.3	30.9	22.1	23.4	19.3	28.5	28.7	19.9	25.1	21.9
1972	—	37.6	20.8	35.3	24.1	27.0	22.0	31.2	33.1	22.3	28.7	24.5
1973	—	38.1	26.1	42.1	30.7	32.9	28.1	34.0	41.2	27.2	32.7	25.5
1974	—	44.5	30.9	48.4	35.6	35.1	31.7	37.3	47.5	31.7	36.2	28.8
1975	—	51.0	34.5	59.8	40.9	46.7	35.2	48.6	58.6	40.7	46.8	37.2
1976	—	56.0	35.0	58.6	41.8	45.3	34.5	41.7	56.4	43.6	51.3	33.6
1977	59.6	54.6	41.1	67.1	45.7	47.2	39.7	45.5	61.2	50.4	55.5	36.3
1978	63.8	53.8	54.2	77.7	54.1	55.6	47.8	51.1	70.6	55.5	59.5	45.9
1979	69.1	56.9	50.9	86.0	60.3	63.6	53.8	57.8	77.9	56.2	62.8	60.0
1980	77.6	65.6	51.5	90.0	58.9	73.5	59.9	62.9	82.1	63.9	69.6	80.1
1981	81.3	69.7	54.6	73.7	50.4	64.2	50.3	55.9	67.0	61.3	64.6	77.0
1982	86.5	77.9	48.8	58.7	46.7	58.9	49.5	54.4	65.0	58.3	53.6	69.4
1983	84.9	78.4	51.8	50.5	43.4	54.9	46.9	53.8	58.9	54.7	45.3	59.9
1984	84.4	71.3	51.7	46.1	40.8	51.2	42.6	48.7	49.5	50.5	43.6	54.1
1985	85.8	68.9	49.9	46.6	42.3	51.9	41.9	47.6	48.4	50.8	45.4	55.4
1986	89.1	70.7	74.5	63.6	60.0	69.0	58.7	62.6	67.1	65.3	58.3	65.5
1987	85.7	75.3	84.2	76.8	77.9	81.0	75.3	73.9	83.1	77.5	68.5	76.9
1988	85.9	84.1	92.4	76.9	79.0	79.3	77.2	75.1	83.1	86.1	75.0	84.1
1989	89.5	91.1	86.3	71.7	72.6	74.3	73.3	75.8	75.5	82.9	76.4	79.3
1990	93.1	97.3	83.1	89.2	91.3	90.0	87.3	93.0	88.9	95.0	90.8	93.0
1991	97.5	105.1	90.9	90.6	90.8	91.5	87.8	97.0	89.8	95.7	96.6	98.2
1992	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1993	100.8	90.5	118.8	93.7	93.2	95.1	99.4	80.3	96.3	88.3	68.6	85.3
1994	97.7	84.0	130.1	94.8	88.3	91.8	99.8	75.8	91.6	90.7	65.7	86.8
1995	94.3	84.2	135.1	111.8	100.7	100.0	115.5	74.6	101.2	105.0	70.8	92.3
1996	94.3	88.1	115.1	107.6	96.1	96.1	111.6	83.4	95.4	107.3	78.5	93.4
1997	94.3	86.7	101.7	89.6	87.0	81.1	93.5	77.1	81.0	101.6	67.5	101.5

¹Compensation adjusted to include changes in employment taxes that are not compensation to employees, but are labor costs to employers.

Dash indicates data not available.

NOTE: The data relate to employees (wage and salary earners) in Belgium, Denmark, Italy, the Netherlands, and the United Kingdom, and to all employed persons (employees and self-employed workers) in the other countries.